



**Combined Sewer Overflow (CSO) &
Sanitary Sewer Overflow (SSO)
2006 Annual Report
(January 1, 2006 - December 31, 2006)**



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Act 451 Legislative Report Requirement

The Natural Resources and Environmental Protection Act, 1994 P.A. 451, as amended, Section 324.3112(c) identifies activities to be undertaken by DEQ to make information related to known discharges of untreated or partially treated sewage from sewer systems to land or waters of the state available to the general public. This report provides a summary of releases reported to the DEQ, Water Bureau to meet these requirements.

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A Message from the Director

This report documents the success the Department of Environmental Quality (DEQ) has had in addressing combined sewer overflows (CSO) and sanitary sewer overflows (SSO) but also demonstrates the seriousness and magnitude of the challenge posed by untreated sewage releases into the waters of our state. While the DEQ's control strategies are considered among the best in the nation, the effects of the existing control strategies will take time to realize due to the costs of infrastructure (sewers and other related facilities) and the time needed to construct these facilities. This report explains the causes for the releases and actions taken by local units of government, private sewer system owners, and the DEQ to address these releases.

We have a long way to go to address CSO and SSO discharges. Even so, the DEQ is proud of its progress. In calendar year 2006, the DEQ entered into two administrative settlements with municipalities that require corrective actions to address SSOs. In addition, the DEQ administers a permit program for the control of pollution that enters waters of our state. All combined sewer systems are under permit and these permits contain corrective programs for proper treatment of these discharges. The DEQ provides compliance oversight for these permits.

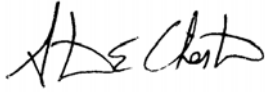
During calendar year 2006, the DEQ awarded over \$47 million in low-interest loan assistance for projects to address sewer overflows. The cities of Lansing and Port Huron received assistance for ongoing combined sewer separation programs. Significant State Revolving Fund investments were also made in Genesee County's regional sewer system to address chronic SSO problems and in Van Buren Township, Wayne County, to address capacity issues. Assistance from the Strategic Water Quality Initiatives Fund is being used for footing drain disconnection programs in Ann Arbor and Clinton Township, while a number of other communities with "wet" sanitary systems are conducting flow monitoring work as a prerequisite to seeking loan funding to address system capacity problems.

We now have six years worth of data on overflows. Based on this data, there is a downward trend in the volume of SSOs (see Figure 10 on page 30). For CSOs, the volume of discharges appears to be closely related to rainfall in any given year (see Figures 7 and 8 on page 18). However, since inception of the CSO control program in 1988, much progress has been made. In 1988 there were about 80 systems discharging untreated CSO wastewater. In 2006 only 13 systems reported untreated releases (see pages 14 and 15). This is great news. Municipalities around the state should be applauded for their efforts to control these discharges. There is still much progress to make, but all of our efforts appear to be having a significant impact.

While the DEQ is addressing these discharges through our control strategies and loan programs, an informed Michigan citizenry can also provide vital assistance in addressing and eliminating these types of discharges from the environment. You can help by reading this report

and by visiting our Web site at <http://www.michigan.gov/deq>. It is likewise important to learn whether your community is causing or is impacted by these discharges. Providing support to your community towards addressing these discharges will help promote a healthy environment that is critical to our social, cultural, and economic well-being.

Thank you for taking the time to learn about this serious challenge.

A handwritten signature in black ink, appearing to read "S. E. Chester". The signature is fluid and cursive, with the first name "Steven" and last name "Chester" being the most legible parts.

Steven E. Chester, Director
Michigan Department of Environmental Quality

Introduction

The DEQ is concerned about releases of raw and partially treated sewage from municipal and privately owned sewer systems, an environmental and public health problem that has plagued Michigan for decades. The State of Michigan took a more aggressive approach to address these discharges in 1988 by initiating an aggressive Combined Sewer Overflow (CSO) control program and in the year 2000 by adopting a Sanitary Sewer Overflow (SSO) control strategy. As part of the 2000 initiative, local units of government were called upon to step up to the plate to help protect Michigan's waters. This report is one step in addressing these types of discharges for the people of Michigan. Specifically, it defines and publicizes the extent of this statewide problem and the actions being taken to control these discharges.

What Is the Difference between a Sanitary Sewer System and a Combined Sewer System?

In order to understand the difference between a CSO and an SSO, it is necessary to understand some basics of sewer system design. Separate sanitary sewers are designed to carry only sanitary sewage to a wastewater treatment plant (WWTP) (See Figure 1); storm water is directed to a nearby river, lake or stream via storm sewers. Combined sewer systems are generally older sewer systems designed to convey both sewage and storm water (combined in one pipe) to a WWTP (See Figure 2). Generally, combined sewer systems were designed with overflow points in the sewer system and/or at the WWTP. This is because the system can not handle all the volume of water that is associated with some storm water events.

As part of corrective action programs, many combined sewer systems have recently installed Retention Treatment Facilities (RTFs), which are designed to capture the combined sewage and rain water that would otherwise flow to surface waters untreated. These basins hold the combined sewage long enough to provide treatment and disinfection before the combined sewage is released into waters of the state during periods of intense precipitation (See Figure 3).

In General, What are CSOs and SSOs?

CSOs are releases of raw or partially treated sewage from older combined sewer systems designed to carry both sanitary sewage and storm water. SSOs are releases of raw or inadequately treated sewage from separate sanitary sewer systems, which are designed to carry sanitary sewage but not storm water. These overflow events both discharge untreated or partially treated human and industrial waste, toxic materials, debris and disease causing organisms on to the ground or into our rivers, lakes or streams.

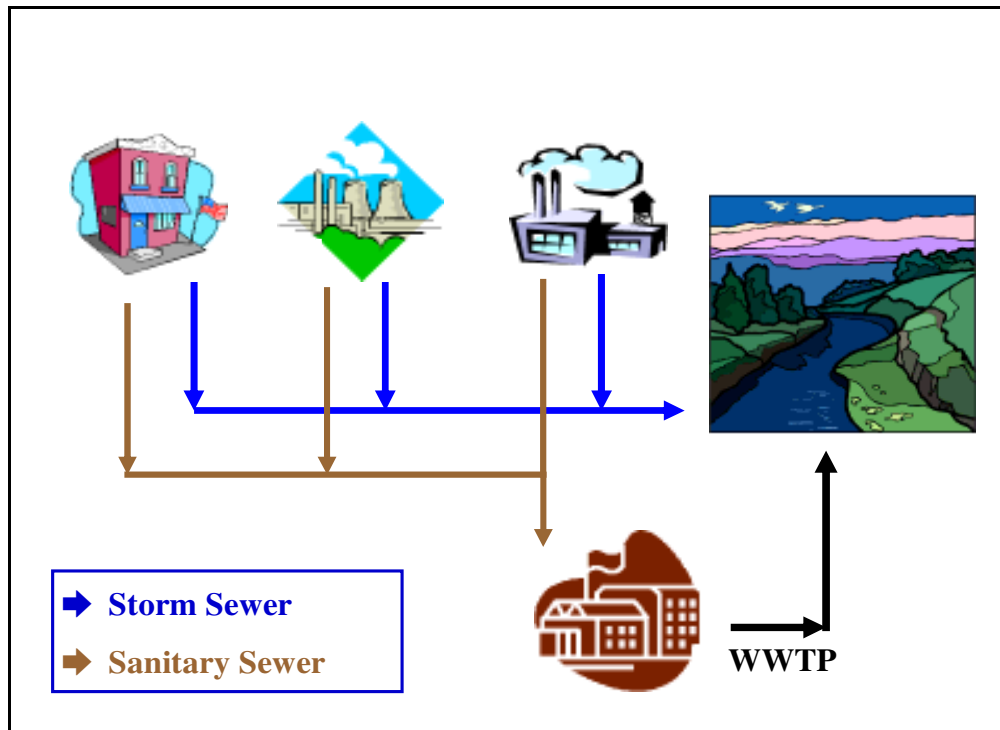


Figure 1: Separate Sewer System

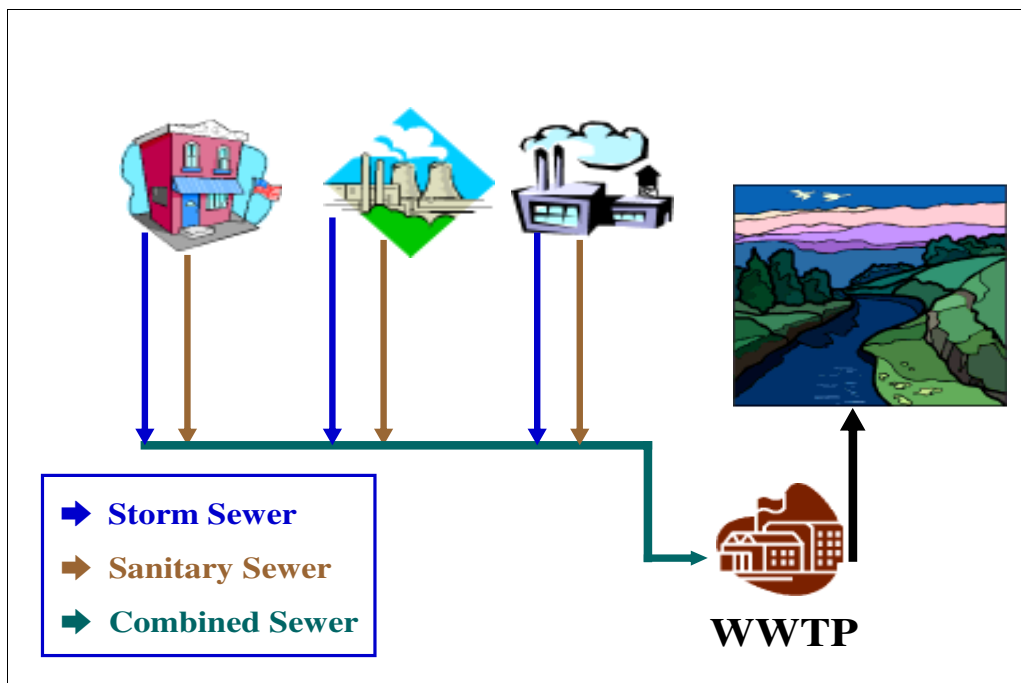


Figure 2: Combined Sewer System—Dry Weather Conditions

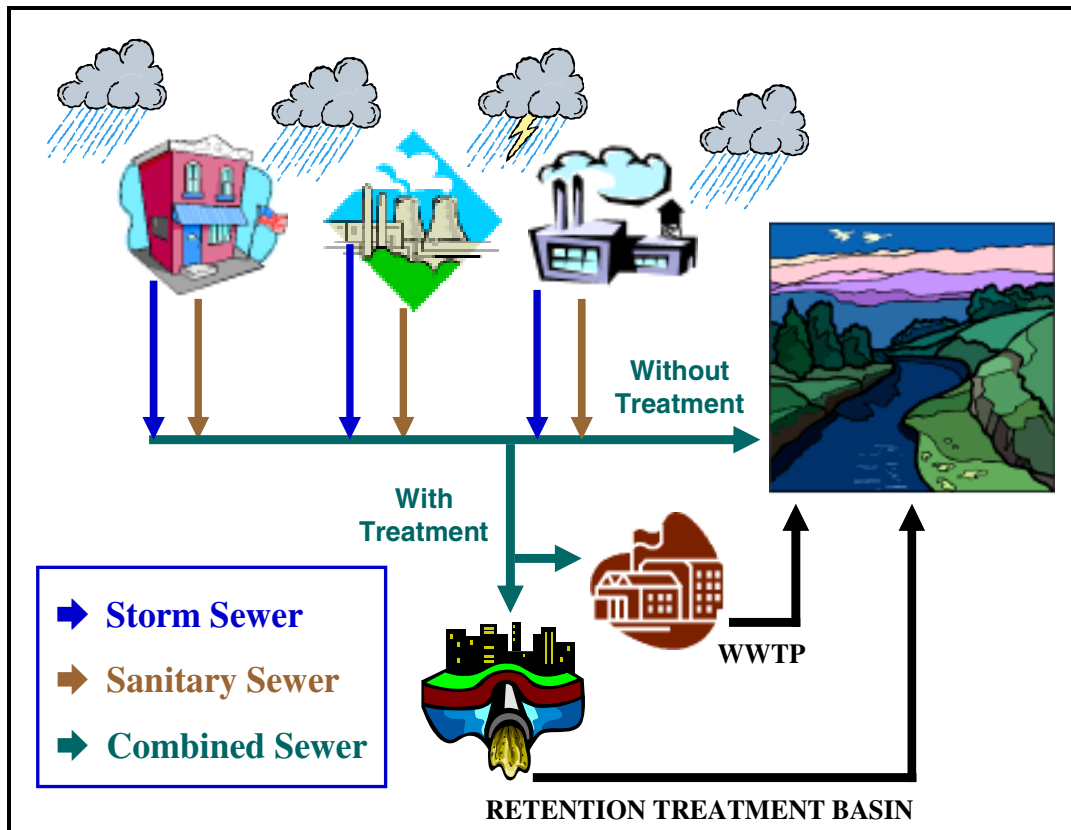


Figure 3: Combined Sewer System—Wet Weather Conditions

What Laws Require Reporting of CSO and SSO Releases?

Section 324.3112(a) of the Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994, requires responsible parties to report releases of untreated or partially treated sanitary sewage. Section 324.3112(c) of the Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994, requires an annual reporting of these releases. This section was added in July, 2000. The Michigan Department of Environmental Quality (DEQ) has produced this report as a means of providing the public with information regarding known discharge of untreated and partially treated sewage to land and waters of the state.

Prior to 2004, only releases from municipalities were required to be reported. However, in 2004, Section 324.3112a was amended to include reporting of treated and partially treated sewage releases from private systems (system serving more than a duplex).

Who Will Let Me Know Whether the Water Is Safe for Swimming, Fishing or Canoeing?

When raw or partially treated sewage is released into a river, lake or stream, the responsible party is required to notify the local health department and others as specified in the law. The local health department may sample, or may require the responsible party to sample, the water-body that received the sewage discharge. If the discharge poses a public health threat, then the local health department is responsible for issuing a public health advisory to notify people of the dangers associated with river or lake water contact.

Additionally, the local health department gathers information related to health aspects of water pollution for public and semi-public beaches (this activity may not be specifically related to CSO and SSO releases). They issue swimming advisories and track reported illnesses related to water borne organisms. Some local health departments provide citizens with information and resources to do their own beach monitoring.

More information about water quality monitoring related to health aspects of water pollution, including a list of local health departments with phone numbers can be found online through the state of Michigan [Beach Monitoring Website](http://www.deq.state.mi.us/beach) found at: **www.deq.state.mi.us/beach**. Phone books also contain local health department contact information. When searching the phone book, look for either the county health department or the district health department for your area.

How Does Intergovernmental Cooperation Help Fund Infrastructure Improvements?

The Clean Water State Revolving Fund (CWSRF or SRF) and the Strategic Water Quality Initiatives Fund (SWQIF) remain the primary sources of financial assistance for local units of government facing wastewater infrastructure investment needs. Created in 1989 and capitalized with Federal grant funds and a required state match, the SRF has tendered nearly \$2.4 billion in loan assistance to Michigan communities for the construction, expansion and upgrade of publicly owned sewers and wastewater treatment facilities. Fully one-half of this assistance has been expended for projects to address combined sewer overflows. Remediation of sanitary sewer overflows and addressing non-point sources of pollution are increasingly becoming a focus of the SRF. The passage of the \$1 billion Great Lakes Water Quality Bond referendum in November of 2002 (Proposal 2) injected additional capital into the SRF, dramatically increasing its annual lending capacity. That vote also created the SWQIF, another revolving loan fund that provides low interest loan assistance for wastewater system improvements that remain in private ownership. The portion of Proposal 2 monies dedicated to the SWQIF is available for projects that remove clear water from sewer leads on private property (often a component of successful SSO projects) or for projects to upgrade or replace failing on-site wastewater systems. A portion of these funds (\$40 million) was used to provide grants to assist loan

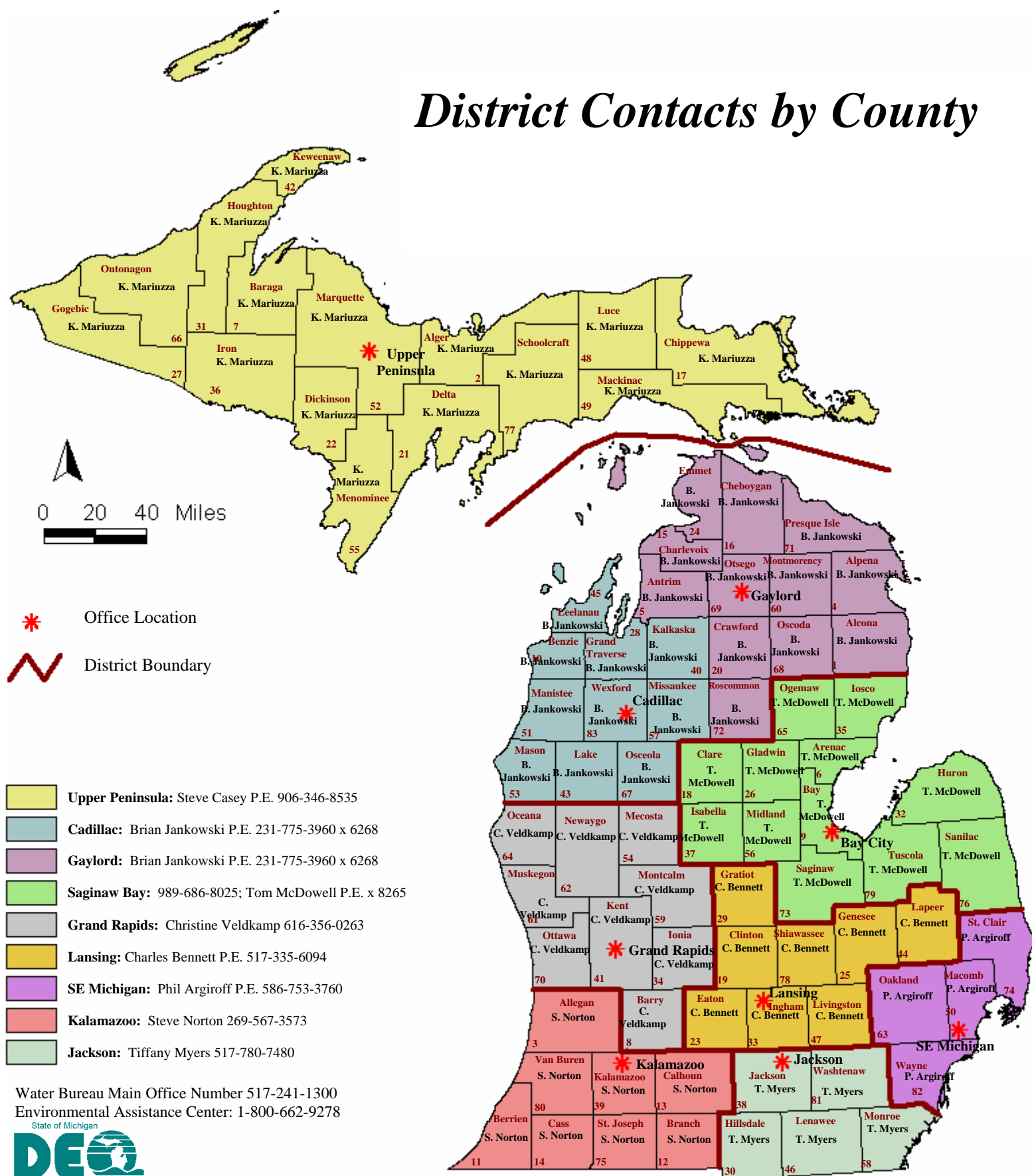
applicants with completing the planning and design of their projects. The revolving funds will operate in perpetuity and result in significant cost savings for system owners and users compared to open market financing alternatives, while remaining the primary source of funding for water quality protection efforts in the state.

Who Do I Contact for More Information?

While compiling the information in this report, the DEQ identified some data integrity issues and other related problems. These problems and issues were eliminated whenever possible. The DEQ has made sincere efforts to assure the accuracy of this report, which is intended for informational purposes only. If you believe the information is inaccurate or if you have any questions or concerns regarding the information contained in the report, please contact the appropriate district office for your area.

For additional information regarding the Water Bureau's overall CSO/SSO control strategies and policies, or questions regarding specific events, please contact the appropriate district office for your area. More information, including a continually-updated database of reported events can be found [online](http://www.deq.state.mi.us/csosso) at: ***www.deq.state.mi.us/csosso***.

District Contacts by County



Report Terms and Acronyms

For the purposes of this report, the following terms and acronyms are described below.

Explanation of Report Headings:

EventID: A unique internal DEQ tracking number assigned to an event. If you have questions about a specific event, or need additional information, providing this number to the DEQ district office staff in your area will assist them in finding the correct information.

Start Date/Time: The date and time the CSO/SSO discharge event began. If there were multiple discharge locations associated with a single event, all discharging at different dates/times, then this is the date/time of the earliest discharge.

End Date/Time: The date and time the CSO/SSO discharge event ended. If there were multiple discharge locations associated with a single event, all discharging at different dates/times, then this is the date/time of the latest discharge.

Event Volume: Total CSO/SSO discharge volume for the event (in millions of gallons) reported by the responsible party. This value *can* be an estimated value as is often the case with SSOs. When the report lists 'Not Specified,' no volume information was reported to the DEQ.

Discharge Quality: Description of the quality of the wastewater discharged. See *Acronym/Definitions* section for detailed explanations.

Point(s) of Discharge: Narrative description of wastewater discharge location(s) (separated by *** where multiple points of discharge occurred during a single event). It provides information about receiving waters and/or land areas impacted by the discharge. A three digit number preceding a receiving water name is the permittee's outfall discharge location as listed in their NPDES permit. When the report lists "Not Specified," discharge information was not reported to the DEQ for the land area or waterbody impacted. Note that this term is used in the appendix.

Control Program: For CSOs this area of the report provides information and status of the permittee's long term control program corrective actions as contained in their NPDES permit.

Outfall Corrective Actions: For SSOs this area of the report provides information regarding corrective actions taken to reduce/eliminate future discharges from a particular SSO outfall discharge location (*Note:* these corrective actions do not pertain to a specific discharge event or to the owner of the sewer system as a whole). The specific locations where these corrective actions have taken place are listed under "Associated Outfall(s)."

Definitions/Acronyms:

Adequately Treated: Discharges that have been demonstrated to meet Water Quality Standards or discharges from an RTF that was designed to meet the presumptive regulatory approach.

Clear Water: Clear Water is non-sanitary or non-industrial wastewater that may enter the sewer system. It includes, but is not limited to: groundwater that seeps in through cracks in the sewer pipes; rain water or snow-melt that flows into the sanitary system through improperly connected roof drains; groundwater that enters from footing drains and sump pumps; and storm water that enters when storm sewers are inadvertently connected to the sanitary sewer.

Collection System: System of subsurface sewer pipes designed and used to convey either sanitary sewage or both sanitary sewage and storm water to a wastewater treatment plant.

Combined Sewer: Sanitary sewage and storm water are conveyed to the wastewater treatment plant in the same (combined) sewer pipe.

CSO: Combined Sewer Overflow

Demonstrative Regulatory Approach: For CSO retention treatment facilities that are built based on approved designs that are less conservative than the "presumptive approach", and

therefore require a demonstration upon completion of construction to prove that discharges meet Water Quality Standards.

DEQ: The State of Michigan's Department of Environmental Quality

Diluted Sanitary Sewage: Sanitary sewage diluted with rain water, snow melt, or ground water.

Infiltration/Inflow (I/I): rainwater, snowmelt, or groundwater flowing into separate sanitary or combined sewers via connected roof downspouts and/or building footing drains or infiltrating into the pipe through cracks in the pipe walls or joints.

MG: Million Gallons, e.g., 24,000 gallons = 0.024 MG

MH: Manhole

NPDES Permit: National Pollutant Discharge Elimination System Permit. A permit issued by the DEQ, authorized under the federal Clean Water Act, to discharge treated wastewater to waters of the United States. Administration of this program is delegated to the State of Michigan.

mg/l: Milligrams per liter, concentration unit equivalent to parts per million.

Outfall: Point of discharge of treated, partially treated or untreated wastewaters to surface waters of the state.

Partially Treated Sewage: Any sewage, sewage and storm water, or sewage and wastewater, from domestic or industrial sources that meets 1 or more of the following: 1) Is not treated to national secondary treatment standards for wastewater or that is treated to a level less than that required by the person's National Pollutant Discharge Elimination System Permit; 2) Is treated to a level less than that required by the person's Groundwater Discharge Permit; and 3) Is found on the ground surface.

Presumptive Regulatory Approach: For CSO facilities that are designed using a conservative engineering approach. In this approach, meeting WQS is assumed and there is no need for a demonstration following completion of construction.

PS: Pump station

Raw Sewage: Untreated sanitary sewage.

RTB & RTF: Retention Treatment Basin or, more generally, Retention Treatment Facility used for treatment of combined sewage.

Separate Sanitary Sewer: Separate sanitary sewer pipe, designed to convey only sanitary sewage and minor amounts of infiltration and inflow to a wastewater treatment facility.

Sewer System: A public or privately owned wastewater collection facility designed and used to convey or treat sanitary sewage or sanitary sewage and storm water. Sewer system does not include an on-site wastewater treatment system serving 1 residential unit or duplex.

SSO: Sanitary Sewer Overflow

Surface Waters of the State: e.g., rivers, streams, creeks, lakes, some open ditches, and wetlands (as opposed to ground waters, i.e., aquifers).

TSS: Total Suspended Solids

Twp: Township

WQS: Water Quality Standards are regulations that establish the uses for which surface waters of the state are protected and include numeric and narrative criteria to protect those uses.

WWTP: Wastewater Treatment Plant or other treatment facility such as a treatment lagoon.

Wastewater Treatment

How is Wastewater Treated?

Sanitary wastewater treatment involves various stages; generally there is primary and secondary treatment, then a disinfecting stage. During the first stage, called primary treatment, 40 to 50% of the solids in the influent (wastewater from homes and businesses) are removed from the waste stream. The technology often used in the primary treatment stage includes bar screens (that remove trash), grit chambers (that slow down the flow to let sand, grit and solids settle and be removed) and sedimentation tanks (that allow particles to settle and be removed).

During the secondary treatment stage, the treatment process continues to remove pollutants such that, following secondary treatment, 85 to 90% of the influent pollutants have been removed from the waste stream. One method of this type of treatment includes an aeration tank followed by a secondary sedimentation tank. In the aeration tank, air is mixed into the waste stream to speed the growth of microorganisms that consume the organic matter. In the secondary sedimentation tank, the microorganisms form clumps and settle to the bottom so they can be removed. After secondary treatment, a disinfectant such as chlorine is often used to kill disease-causing organisms before the wastewater leaves the treatment plant.

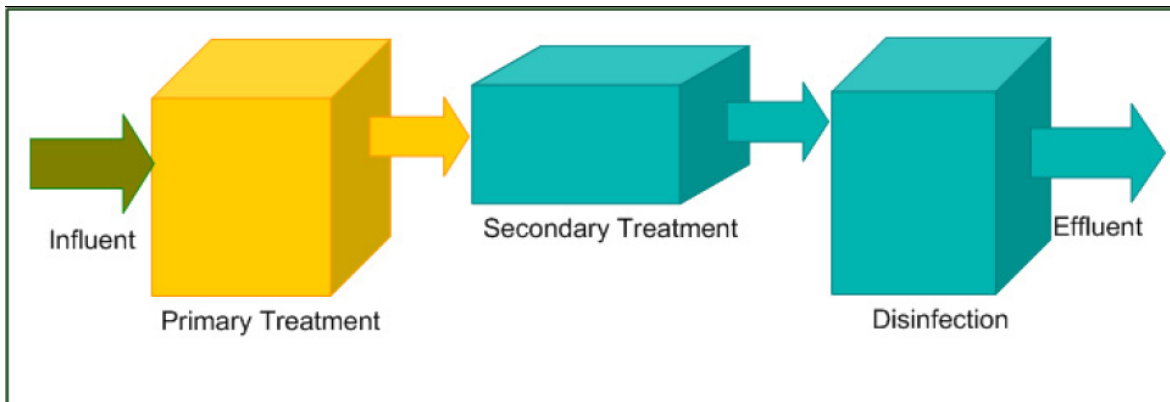


Figure 4: Wastewater Treatment Process

For more information on wastewater treatment technology, contact the federal Environmental Protection Agency's [Publication Clearinghouse](#) at 1-800-490-9198. Ask for a copy of the "[Primer for Wastewater Treatment](#)," July 1980; document number 832K80100.

This report summarizes the discharge events of untreated or partially treated sewage from sewer systems. Most of these discharge events are classified as CSOs or SSOs, which are discussed at length elsewhere in this report. Other types of events that are reported are from blending and bypassing. These types of discharges are discussed below.

What is Blending?

As a result of wet weather events, some WWTPs experience higher influent flows due to significant levels of infiltration/inflow (see definition on page 8) in the associated separate sanitary sewer system ("blending" used in this discussion does not include combined sewer systems). In order to accommodate these higher influent flows in their wastewater treatment operations, some WWTPs have designed a "blending" option at their facilities. Generally during blending, the wastewater receives primary treatment and disinfection but a portion of the wastewater will not receive secondary treatment. The term blending generally refers to the mixing of the wastewater that received full (i.e., secondary) treatment with a component of primary-treated wastewater that has been diverted around the secondary treatment process

(see Figure 5, below). This mixed wastewater is disinfected and then discharged from the facility.

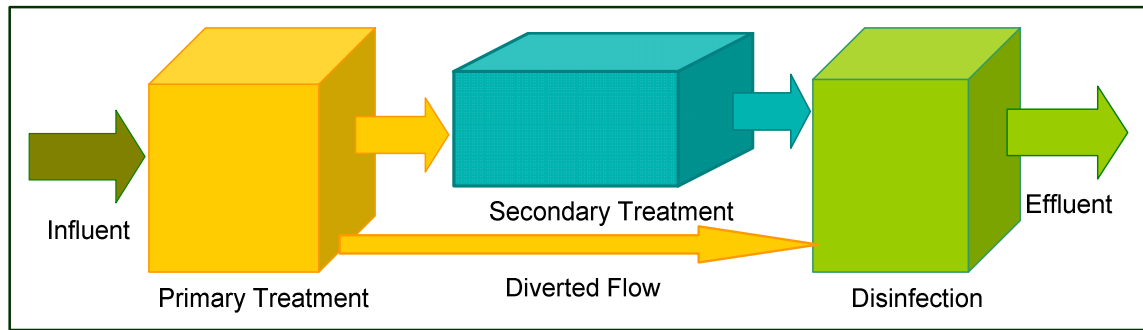


Figure 5: Wastewater Treatment Process - Blending Condition

The term blending is used specific to an anticipated wet weather treatment scenario approved by DEQ through issuance of a NPDES permit as a means to address higher influent flows as a result of wet weather conditions. Currently there are very few approved blending scenarios in Michigan. It is important to note that the discharges associated with these approved blending scenarios are required by the NPDES permit to produce effluent quality that complies with the Michigan Water Quality Standards (WQS).

The DEQ periodically reviews these approved blending scenarios to determine the appropriateness of continuing these authorizations on a long-term basis. The DEQ expects that the number of approved blending scenarios in Michigan will be reduced to less than five in the future as infiltration/inflow continues to be removed from these systems. Although Michigan has a small percentage of facilities that have approved blending through an NPDES permit, in other states, up to 30 to 40% of facilities may engage in this practice under their NPDES permits.

Data in Appendix 2 (Page B-1 and B-2) contains blended effluent discharges reported in 2006 for facilities with approved blending scenarios in their NPDES permit. There were 7 blending events reported in 2006 representing a volume of 111.38 million gallons.

What is Bypassing?

Bypassing is the diversion of waste streams from any portion of a treatment facility other than approved blending described above. Similar to blending, bypassing can be the result of elevated influent flows due to wet weather events. However, bypassing may occur in the absence of a wet weather event due to equipment failure or some other difficulties at the WWTP. In contrast to blending, bypassing is not a pre-approved treatment scenario and is not authorized in NPDES permits except to prevent severe property damage or loss of life. Further, unlike the approved blending scenarios, the discharges associated with bypassing events may or may not be compliant with the Michigan WQS. Instead, this wastewater is variable and often partially treated (usually through the treatment train up to the process unit that failed). For example, using the wastewater process shown in Figure 4, if a malfunction shut down the mechanical disinfection system, then the wastewater would have received secondary treatment (Figure 4) but not disinfection, and this would be considered a bypass.

In general, the DEQ requires that the factors contributing to the occurrence of the bypass event be corrected as soon and as aggressively as is feasible.

What Volume of Bypassed Flows Was Reported in 2006?

Data in Appendix 2 (Page B-3 and B-15) contains bypass effluent discharges reported in 2006. There were 22 bypass events reported in 2006 representing a volume of 40.32 million gallons.

Combined Sewer Overflows

What are Combined Sewer Overflows and What Causes Them?

Combined sewer systems are sewers that are designed to collect snowmelt, rainwater runoff, domestic sewage, and industrial wastewater in the same pipe. Most of the time, combined sewer systems transport all of their wastewater to a sewage treatment plant, where it is treated and then discharged to a water body. During periods of heavy rainfall or snowmelt, however, the wastewater flow rate in a combined sewer system can exceed the capacity of the sewer system or treatment plant. For this reason, combined sewer systems were designed to overflow occasionally and discharge excess wastewater directly to nearby streams, rivers, or other water bodies. Historically, CSOs were among the major sources for beach closings and other water quality impairments.

How are CSOs Addressed?

CSOs are a problem nationwide. Michigan initiated a CSO control program in 1988, and in 1994 the federal government developed a nationwide CSO Control Policy. This policy suggested that states use an enforceable mechanism, preferably the permit program that was initiated by the federal Clean Water Act (called the National Pollutant Discharge Elimination System) to require CSO communities to implement interim measures referred to as “nine minimum controls” by January 1, 1997, and to develop CSO Long-Term Control Plans (LTCPs). The “nine minimum controls” basically included interim measures that could be undertaken to improve the quality of the combined wastewater before major sewer system construction activities would be undertaken as part of the LTCP. Once the state and the community reached agreement on the LTCP, the community would then implement the CSO controls as soon as practicable. In Michigan, these LTCPs are contained in various legal documents including state issued NPDES permits, Administrative Consent Orders, Abatement Orders, and other legal documents. In Michigan, all municipalities with CSOs have completed the necessary interim control measures and have developed LTCPs.

The LTCP must assess a range of control options, including costs and benefits, and lead to selection of an alternative that would achieve appropriate water quality objectives and compliance with the federal Clean Water Act and state laws. Since the cause of CSOs is the overabundance of rain or snow melt runoff entering the sewer system, many municipalities decide to separate their combined sewers, thereby redirecting the clean runoff to lakes, rivers and streams via storm sewers. Sewer separation projects are expensive and time consuming because they involve extensive utility and road reconstruction. Sewers typically run under roads; therefore, roads need to be torn up and re-paved in order to gain access to and re-direct the sewers.



While separating the sewer system is a common practice to eliminate CSOs, other communities may choose to build additional treatment or storage basins to contain a portion of the volume and provide adequate treatment of any resulting discharge to meet Water Quality Standards (WQS) at times of discharge. Specifically, as part of the final corrective program, many owners of combined sewer systems have recently installed treatment facilities for overflows (called retention treatment facilities (RTFs), which are designed to capture the combined sewage and runoff long enough to provide treatment and disinfection. Treatment often involves allowing solids to settle, the skimming of floatable materials such as sanitary trash and oils; and disinfection of disease causing organisms, often accomplished through the addition of chlorine. This is the typical treated CSO discharge in the State of Michigan. The treatment provided significantly reduces the amount of pollutants discharged. It is important to note that the fully implemented LTCP requires the permittee to provide adequate treatment that results in full protection of WQS and the Public Health.

There are two different regulatory approaches related to review, approval and oversight of RTFs, namely **presumptive** and **demonstrative**. With the presumptive approach, the RTF is designed in a conservative manner where various established engineering criteria are met. In this approach, meeting WQS is assumed because of the conservative design and there is no need for a demonstration that WQS are met. Alternatively, sometimes economics preclude the building of such facilities because of the very large size, and instead the RTF is designed less conservatively, and therefore a demonstration will be required upon completion of construction to prove that discharges meet WQS. This later scenario is considered the demonstrative approach. Most RTFs in Michigan are designed following the demonstrative regulatory approach.

What is the Main Challenge for Communities to Address in Controlling CSOs?

Several challenges exist in controlling CSOs, the most significant being the costs associated with mounting wastewater infrastructure improvements and the financial resource-intensive nature of CSO controls. CSO LTCPs typically involve major infrastructure investments that compete with other community financial needs.

The State Revolving Fund (SRF) has been a major source of financial assistance to communities addressing CSO problems and this involvement is particularly evident in the Lake St. Clair watershed. Since its inception in 1989, over \$250 million has been awarded to local units of government to address discharges to Lake St. Clair and its tributaries, where addressing water quality improvement needs has been a priority for the DEQ.

Major improvements to RTFs and collection systems in the George W. Kuhn Drainage District (Oakland County), the Milk River Intracounty Drainage District (Wayne County) and the South Macomb Sanitary District (Macomb County) have been funded by the SRF. The expanded George W. Kuhn RTF has been determined to provide adequate treatment of CSOs by meeting the DEQ's presumptive definition for CSO control. The two RTFs in the South Macomb District have demonstrated to the satisfaction of the DEQ that their discharges meet our dissolved oxygen standard and physical characteristics standard during times of discharge, and that they do not adversely affect downstream biological communities. The water quality impacts of their discharges of total residual chlorine (used for disinfection to protect public health) are being evaluated. Finally, the expanded Milk River RTF is being evaluated for compliance with WQS at times of discharge.

Sewer separation projects were funded in Capac, Armada, Marine City, Marysville, Grosse Pointe Farms and Mt. Clemens. The City of Port Huron's sewer separation program is funded by SRF and is partially complete. Other sewer separation projects have been completed in Grosse Pointe Shores, Grosse Pointe, and St. Clair.

SRF financed projects and other projects have significantly reduced the volume of untreated combined sewage being discharged to Lake St. Clair. In fact, the only remaining untreated CSO discharges to Lake St. Clair and its tributaries are from Port Huron. All other untreated CSO discharges have either been eliminated through sewer separation or the collection systems have been upgraded to reduce CSO volume and frequency. This example demonstrates that Michigan is making progress in addressing combined sewer overflows.

Did We Make Progress in 2006?

During calendar year 2006, three CSO outfalls were eliminated as part of the City of Grand Rapids' LTCP, which includes construction of a 30 million gallon RTF in conjunction with sewer separation. These outfalls previously discharged untreated combined sewage to the Grand River.



As storm sewer separation projects progress, some communities provide public messages on storm sewer inlets to highlight the storm sewer destination.

Outfall elimination and/or treatment is not the sole indicator of progress in implementation of CSO control as extensive design and construction consistent with approved LTCPs is continuing in various areas of the State of Michigan. This includes large-scale sewer separation projects that are being conducted in the Cities of Grand Rapids, Lansing, and Port Huron; and large construction projects by the Cities of Detroit, Dearborn, Dearborn Heights, Inkster and others, to provide treatment and/or storage facilities for overflows to the Rouge River Watershed in Southeast Michigan. Continuing implementation, design and construction of projects conducted during calendar year 2007 will lead to elimination of or adequate treatment of CSOs in future years.

What Data Does the Detailed CSO Report (Appendix 3) Contain?

The data contained in the appended CSO Report was reported (as required by law) to the DEQ by the responsible parties. During the report period from January 1, 2006, thru December 31, 2006, there were 816 CSO events reported for a total volume of 37,322 million gallons (i.e., approximately 37.3 billion gallons). It is noteworthy that almost half of this total volume (16,648 MG, or approximately 16.6 billion gallons) represents partially treated sewage that, in addition to settling and skimming, has been disinfected to protect the public health in compliance with the Water Quality Standard for discharges containing human sewage (i.e., R323.1062 of the Part 4 Rules). Of this partially treated volume, approximately 956 million gallons is defined as adequately treated.

The untreated CSO discharge volumes from the Wayne County communities of Redford Township, Dearborn Heights, and Inkster were under-reported for the period prior to 2006. Although these three communities notified the DEQ according to the law for treated CSO discharges from their RTFs, discharge times and estimated volumes were not reported for their currently untreated CSOs due to the oversight issues and the complexity of monitoring

discharge events. An adequate notification procedure was established and approved by the DEQ for these untreated CSOs, and is now being used. All of these untreated CSOs are under corrective programs to eventually provide adequate treatment to meet WQSs at times of discharge. Since these untreated CSOs are near treated CSOs in the Rouge River's branches, we believe that adequate notification of public health concerns as a result of discharges was made.

Combined Sewer Overflow (CSO) Summary Report January 1, 2006 - December 31, 2006

Partially Treated - Demonstration of Adequate Treatment Completed

Oakland Co SOCSDS 12 Towns (Oakland Co SOCSDS 12 Towns RTF) County: **Oakland**

Reported Events: 10 Total Volume Reported: 955.74 MG Page: CSO-126

Partially Treated - Demonstration In-Progress

8½ Mile Relief Drain Drainage District (Chapaton RTB)

County: **Macomb**

Reported Events: 10 Total Volume Reported: 354.43 MG

Page: CSO-1

Bay City (Bay City WWTP)

County: **Bay**

Reported Events: 6 Total Volume Reported: 284.12 MG

Page: CSO-3

Beverly Hills/Birmingham (Oakland Co-Acacia Park CSO)

County: **Oakland**

Reported Events: 4 Total Volume Reported: 14.26 MG

Page: CSO-4

Birmingham (Birmingham CSO RTB)

County: **Oakland**

Reported Events: 4 Total Volume Reported: 13.32 MG

Page: CSO-5

Bloomfield Twp, Bloomfield Hills (Bloomfield Village CSO RTB)

County: **Oakland**

Reported Events: 3 Total Volume Reported: 4.86 MG

Page: CSO-6

East Lansing (East Lansing WWTP)

County: **Ingham**

Reported Events: 1 Total Volume Reported: 25 MG

Page: CSO-61

Essexville (Essexville WWTP)

County: **Bay**

Reported Events: 9 Total Volume Reported: 19.708 MG

Page: CSO-63

Iron Mountain/Kingsford (Iron Mountain-Kingsford WWTP)

County: **Dickinson**

Reported Events: 6 Total Volume Reported: 12.207 MG

Page: CSO-67

Milk River Intercounty Drainage Board (Milk River CSO)

County: **Wayne**

Reported Events: 14 Total Volume Reported: 239.51 MG

Page: CSO-122

North Houghton Co W&SA (North Houghton Co W&SA CSO)

County: **Houghton**

Reported Events: 5 Total Volume Reported: 63.652 MG

Page: CSO-124

River Rouge (River Rouge CSO)

County: **Wayne**

Reported Events: 5 Total Volume Reported: 18.488 MG

Page: CSO-130

Saginaw (Saginaw WWTP)

County: **Saginaw**

Reported Events: 17 Total Volume Reported: 747.24 MG

Page: CSO-132

Saginaw Township (Saginaw Twp WWTP)

County: **Saginaw**

Reported Events: 8 Total Volume Reported: 123.121 MG

Page: CSO-135

Southgate/Wyandotte (Southgate/Wyandotte CSO RTF)

County: **Wayne**

Reported Events: 10 Total Volume Reported: 574.889 MG

Page: CSO-137

South Macomb Sanitary District

County: **Macomb**

Reported Events: 9 Total Volume Reported: 176.62 MG

Page: 139

Wayne Co/Dearborn Heights (Wayne Co/Dearborn Heights CSO)

County: **Wayne**

Reported Events: 4 Total Volume Reported: 17.852 MG

Page: CSO-141

Untreated - Construction Projects In-Progress

Croswell (Croswell WWTP)

County: **Sanilac**

Reported Events: 2 Total Volume Reported: 0.863 MG
Untreated Outfall(s) for elimination: 1

Page: CSO-7

Crystal Falls (Crystal Falls CSO)

County: **Iron**

Reported Events: 9 Total Volume Reported: 0.004 MG
Untreated Outfall(s) for elimination: 1

Page: CSO-8

Dearborn (Dearborn CSO)

County: **Wayne**

Reported Events: 463 Total Volume Reported: 890.74 MG
Untreated Outfall(s) for elimination: 20

Page: CSO-10

Detroit (Detroit WWTP)

County: **Wayne**

Reported Events: 82 Total Volume Reported: 32,242.225 MG
Untreated Outfall(s) for elimination: 64

Page: CSO-44

Grand Rapids (Grand Rapids WWTP)

County: **Kent**

Reported Events: 24 Total Volume Reported: 32.256 MG
Untreated Outfall(s) for elimination: 7 remain (3 were eliminated in '06, 124, 125 & 128)

Page: CSO-65

Lansing (Lansing WWTP)

County: **Ingham**

Reported Events: 49 Total Volume Reported: 392.025 MG
Untreated Outfall(s) for elimination: 25

Page: CSO-69

Manistee (Manistee WWTP)

County: **Manistee**

Reported Events: 21 Total Volume Reported: 5.645 MG
Untreated Outfall(s) for elimination: 4

Page: CSO-119

Manistique (Manistique WWTP)

County: **Schoolcraft**

Reported Events: 2 Total Volume Reported: 0.023 MG
Untreated Outfall(s) for elimination: 1 (003)

Page: CSO-121

Niles (Niles WWTP)

County: **Berrien**

Reported Events: 1 Total Volume Reported: 0.9 MG
Untreated Outfall(s) for elimination: 8 (002, 004, 005, 006, 007, 008, 009, 010)

Page: CSO-124

Port Huron (Port Huron WWTP)

County: **St Clair**

Reported Events: 18 Total Volume Reported: 73.669 MG
Untreated Outfall(s) for elimination: 6

Page: CSO-128

St. Joseph (St. Joseph CSO)

County: **Berrien**

Reported Events: 12 Total Volume Reported: 3.982 MG
Untreated Outfall(s) for elimination: 5 (002, 003, 005, 009, 010)

Page: CSO-139

Wayne Co/Inkster (Wayne Co/Inkster CSO)

County: **Wayne**

Reported Events: 6 Total Volume Reported: 31.222 MG
Untreated Outfall(s) for elimination: 9

Page: CSO-143

Wayne Co/Redford/Livonia (Wayne Co/Redford/Livonia CSO)

County: **Wayne**

Reported Events: 2 Total Volume Reported: 4.134 MG
Untreated Outfall(s) for elimination: 7

Page: CSO-145

How Does 2006 Compare to Previous Years?

This report provides trend data through two measures; number of overflow events per year and volume of discharge per year.

With respect to the number of overflow events, the 2006 total (816 events, Figure 6) shows a downward trend from the previous two years. Calendar years 2004 through 2006 are elevated when compared to calendar years 2001 through 2003. This may be due in part to the fact that many municipalities have installed automatic monitors at their CSO regulators, which allows for better information with respect to the occurrence of overflow events.

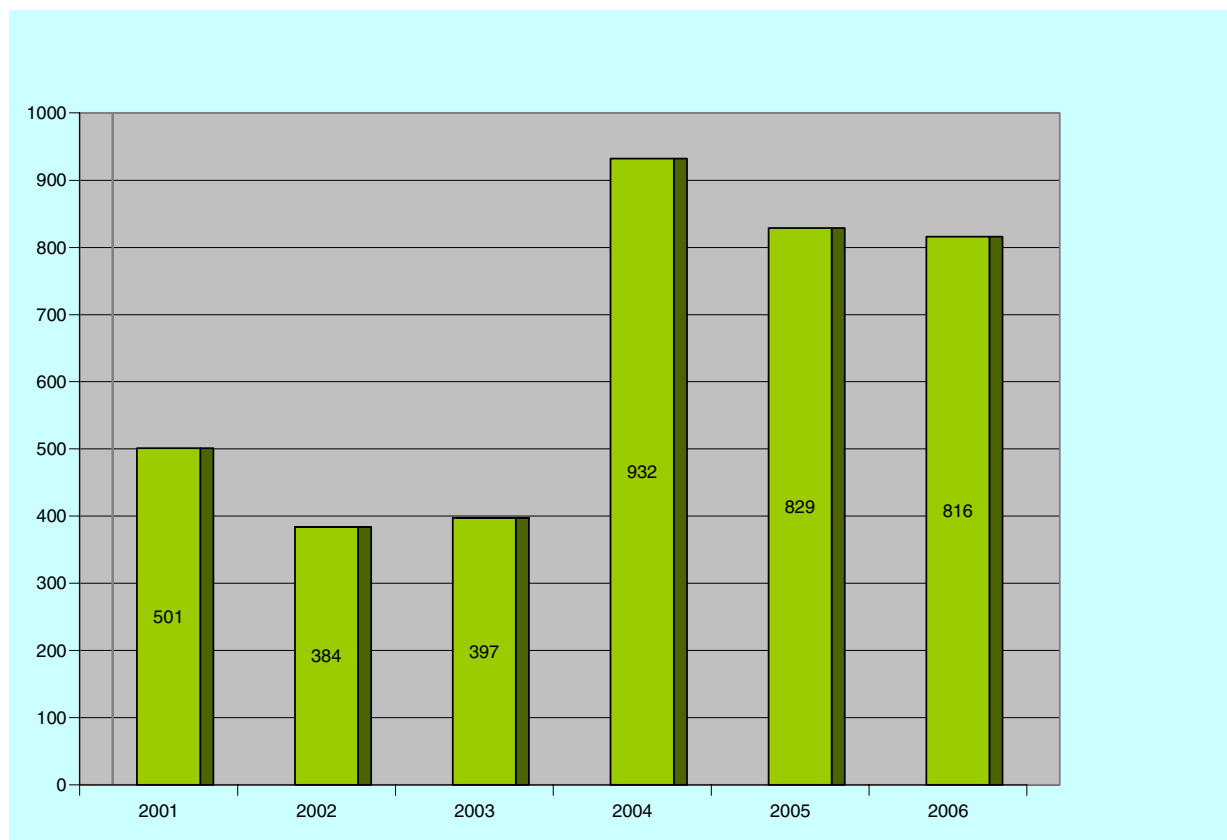


Figure 6: CSO Number of Reported Events/Year

In contrast to the number of overflow events, the total overflow volume for calendar year 2006 (37,322.47 million gallons, Figure 7) is greater than that for previous calendar years. In 2006 precipitation amounts in various parts of the state were the highest measured in the last 6 years (Figure 8). It's not unexpected that the CSO discharge volume would be greater than previous years.

Total overflow volume rather than number of events is a more important indicator of success with respect to CSO control, because even a negligible volume of overflow triggers an "event" to be registered consistent with statute. Of course, levels of precipitation vary annually, which directly affects both the number of events and total overflow volume. However, as implementation of LTCPs continues in the State of Michigan, it is expected that the annual number of events and annual overflow volumes will demonstrate decreasing trends in both these categories. It should be noted that the component of the total overflow volume that is the treated volume will increase in the coming years as the goal of many approved LTCPs is to provide adequate treatment of overflows to meet WQSs.

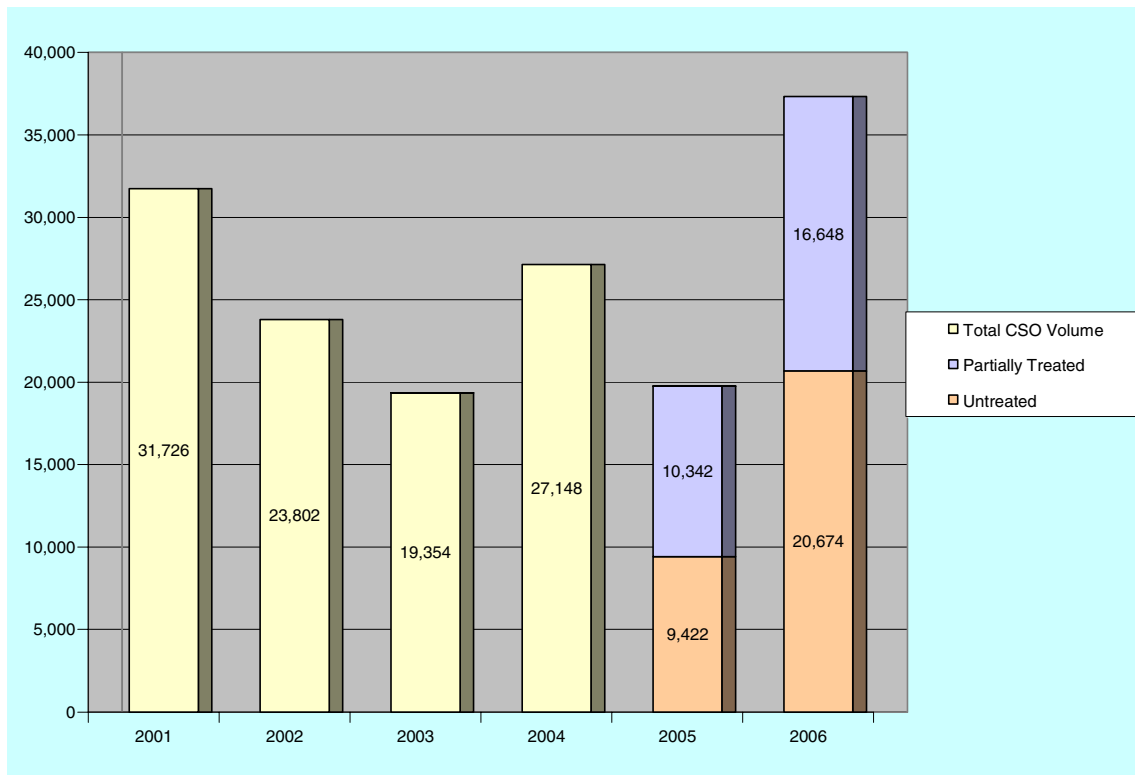


Figure 7: CSO Reported Volume (Million of Gallons)/Year

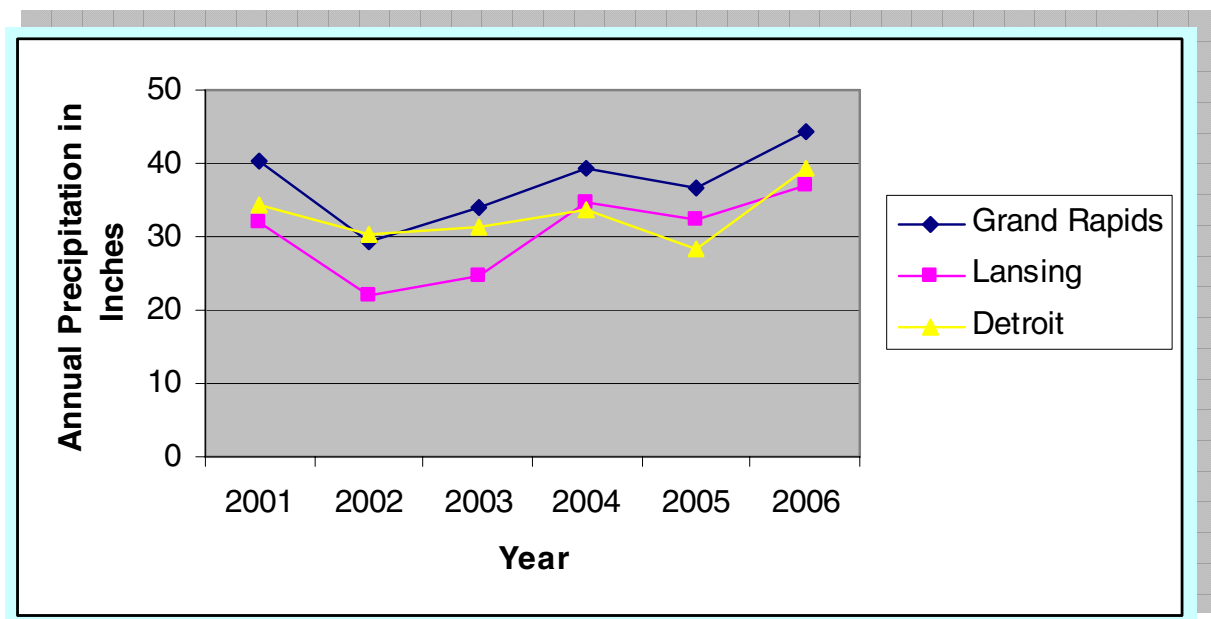


Figure 8: Annual Precipitation for Various Michigan Cities

Sanitary Sewer Overflows

What are Sanitary Sewer Overflows?

Sanitary sewer overflows, or SSOs, are discharges of raw or inadequately treated sewage from separate sanitary sewer systems. These systems are designed to carry sanitary sewage but not storm water. When an SSO occurs, sewage is released into areas such as the ground, streets and/or streams rather than being transported to a treatment facility. They are illegal and usually constitute a serious environmental and public health threat. Sewage discharges into basements may also occur, but these events are not required to be reported to DEQ for entry in this report under Section 324.3112(a) of NREPA.

What causes an SSO?

For the purposes of this report, SSOs can be categorized in three general categories, those being chronic SSOs, site specific SSOs, and SSOs due to mechanical/electrical failure or emergency.

Chronic SSOs can occur when too much water enters into a sanitary sewer system. This water, known as “clear water,” includes, but is not limited to, the following sources:

- Ground water that seeps in through cracks in the sewer pipes;
- Rain water or snow-melt that flows into the sanitary system through improperly connected roof drains;
- Groundwater that enters from footing drains and sump pumps; and
- Storm water that enters when storm sewers are inadvertently connected to the sanitary sewer.

Chronic SSOs can also occur when sanitary systems are too small to contain all the sanitary wastewater that is in the sewer system. Specifically, if the sewers and pumps that transport the sewage through the system are undersized, SSOs can result. Factors that can lead to chronic SSOs include: increased development in a community to the point where there is not enough sewer system capacity to handle the population; or system deterioration due to the age of the sewer system.

Site specific SSOs occur when blockages in the sewer cause sewage to back up in the sewer system. Some examples of blockages include tree roots growing into the sewer, when a sewer partially or totally collapses, when sediments build up in the sewers, or when grease or trash block the sewer.

Finally, SSOs occur due to power outages, emergency conditions, and equipment or mechanical failures. Examples include: faulty valves within the sewer pipes, lightening strikes to pump stations; the breaking of a sewer pipe; power failures that shut down pumps (which are installed to force sewage through the system), and even car accidents that damage sewer system pump stations.

How Does the Sewage end up in the Environment?

Sewage may escape from a sewer system in many different ways. For example, SSO events include direct releases of sewage from a broken sewer pipe and releases of sewage through a manhole in the lowest area of the sewer system. Sometimes sewage has been intentionally released from a sewer system into the environment to prevent basements flooding within the system. Additionally, some sewer systems have emergency storage basins (often called equalization basins) that hold excess sewage in an overflow scenario. These basins can provide some treatment of the sewage, and in extreme rain events, unauthorized overflow releases of this partially treated sewage may occur.

How are SSOs Addressed?

Since SSOs have different causes, there are various ways that SSOs can be addressed. When SSOs are a chronic problem in a community, DEQ will require the responsible entity to implement corrective actions within a defined schedule ("schedule of compliance"). The schedule of compliance will outline how the SSOs will be eliminated or adequately treated, and the schedule will be embodied in a compliance document. Frequently, DEQ works to achieve a voluntary settlement. These settlements are often embodied in documents called District Compliance Agreements, permits, or Administrative Consent Orders. If a settlement is not achieved, then a schedule of compliance will often be sought through litigation resulting in a court order or court judgment.

For site specific SSOs caused by sewer blockages, the response is undertaken by the responsible entity. The response activity will usually include the removal of the sewer blockage to restore the proper function of the sewer system, along with cleanup and/or disinfection of the areas where sewage was spilled to limit public exposure. The emergency response for SSOs due to equipment failures are handled in a similar way. The power is restored or the mechanical problem is fixed (i.e. the cracked sewer is repaired, or the faulty pump is replaced); and the area is similarly cleaned up or disinfected.

While this report is intended to provide the public with an overview of the issues surrounding SSOs and how they are addressed, other documents may be useful for professionals in the environmental field that would like to learn more about Water Bureau's policy in addressing SSOs. On December 27, 2002 a policy statement was issued and a subsequent clarification statement was issued on October 23, 2003. The policy statement was the result of consultation with a stakeholder group to develop guidance for implementing the May 2000 "*Strategy for the Regulatory Control and Correction of Illegal Overflows from Separate Sanitary Sewer Systems in Michigan*". These documents can be found on our website www.michigan.gov/degwater, select "Surface Water" then "Sanitary and Combined Sewer Overflows."

What Factors Might Justify Longer-term Plans for Stopping Chronic SSOs?

Sewer systems are frequently complex and expensive to fix. Consider that sewer pipes are buried with other utility lines, oftentimes under roads, making access to them difficult. This limited access not only makes repair difficult, but it also makes the identification of extra sources of water to the sewer system a challenge. In addition, many sewer systems were built over 30 years ago, are reaching the end of their design-life and are in need of rehabilitation or replacement. Additional costs could include engineering to design system improvements, upgrades to the WWTP to handle additional flow, and replacement of pumps and other equipment that make up the sewage system. Monies may or may not be available via grants, low rate loans or rate increases; therefore, many communities and private sewer system owners need time to secure funding. In summary, sewer system owners usually need time to find the cause of large systemic problems such as identifying the sources of “clear water” infiltrating into the system or finding the components in the system that are undersized. In addition the system owners will need time to review financing alternatives, design construction improvements, and to implement the project.

Did We Make Progress in 2006?

Two formal schedules of compliance addressing SSOs were issued in calendar year 2006. A Settlement Agreement was entered into with the Village of Cassopolis and a consent judgment was issued to Buena Vista Charter Township through the Ingham County Circuit Court.

During calendar year 2006, \$37 million in low interest loan funding was awarded through the State Revolving Fund to address SSOs. Assistance went to Genesee County for improvements to the regional sewer system tributary to the Anthony Ragnone Wastewater Treatment Plant, the Muskegon County Wastewater Management System for pump station improvements and to Van Buren Township (Wayne County) for the construction of an equalization basin.

In addition to the progress mentioned above, there was a great deal of other progress in 2006 to address SSOs (as required by compliance schedules). For example, the Oakland County Drain Commission in the Evergreen Farmington system completed construction of a pump station to transfer flow from one interceptor to another. Melvindale completed their SSO storage facility and Allen Park completed construction of a new pump station. Each of these short-term construction projects will help reduce SSO discharges in the future.

Sanitary Sewer Overflow (SSO) Summary Report

January 1, 2006 - December 31, 2006

Listed by Volume

Flint

County: *Genesee*

Reported Events: 3 Total Volume Reported: 17.25 MG Page: 43

Marysville

County: *St Clair*

Reported Events: 9 Total Volume Reported: 11.7 MG Page: 105

Wyoming

County: *Kent*

Reported Events: 3 Total Volume Reported: 10.99 MG Page: 161

Lincoln Park

County: *Wayne*

Reported Events: 1 Total Volume Reported: 9.4 MG Page: 95

Gogebic-Iron Wastewater Authority

County: *Gogebic*

Reported Events: 1 Total Volume Reported: 6.66 MG Page: 55

Reading

County: *Hillsdale*

Reported Events: 1 Total Volume Reported: 5 MG Page: 135

Oakland County Drain Commissioner

County: *Oakland*

Reported Events: 7 Total Volume Reported: 4.905 MG Page: 120

Marlette

County: *Sanilac*

Reported Events: 6 Total Volume Reported: 4.575 MG Page: 103

Greenville

County: *Montcalm*

Reported Events: 1 Total Volume Reported: 2.52 MG Page: 69

Fraser

County: *Macomb*

Reported Events: 10 Total Volume Reported: 2.297 MG Page: 46

Adrian

County: *Lenawee*

Reported Events: 4 Total Volume Reported: 1.487 MG Page: 1

Bay County

County: *Bay*

Reported Events: 4 Total Volume Reported: 1.046 MG Page: 16

Center Line

County: *Macomb*

Reported Events: 2 Total Volume Reported: 1.033 MG Page: 26

Grosse Ile

County: *Wayne*

Reported Events: 3 Total Volume Reported: 1.031 MG Page: 71

Chesaning

County: *Saginaw*

Reported Events: 5 Total Volume Reported: 0.946 MG Page: 30

Genoa-Oceola Sewer Authority

County: *Livingston*

Reported Events: 4 Total Volume Reported: 0.773 MG Page: 54

Benton Charter Township

County: *Berrien*

Reported Events: 1 Total Volume Reported: 0.59 MG Page: 17

Muskegon, City of

County: *Muskegon*

Reported Events: 1 Total Volume Reported: 0.33 MG Page: 115

<i>Norton Shores</i>			County: <i>Muskegon</i>
Reported Events:	1	Total Volume Reported: 0.3 MG	Page: 118
<i>Lansing</i>			County: <i>Ingham</i>
Reported Events:	10	Total Volume Reported: 0.28 MG	Page: 88
<i>Grosse Pointe Farms</i>			County: <i>Wayne</i>
Reported Events:	1	Total Volume Reported: 0.263 MG	Page: 72
<i>Buena Vista Township</i>			County: <i>Saginaw</i>
Reported Events:	2	Total Volume Reported: 0.216 MG	Page: 23
<i>Holland Charter Township</i>			County: <i>Ottawa</i>
Reported Events:	1	Total Volume Reported: 0.175 MG	Page: 79
<i>Clinton</i>			County: <i>Lenawee</i>
Reported Events:	1	Total Volume Reported: 0.15 MG	Page: 33
<i>East Jordan WWTF</i>			County: <i>Charlevoix</i>
Reported Events:	2	Total Volume Reported: 0.15 MG	Page: 40
<i>Wayne Country Airport</i>			County: <i>Wayne</i>
Reported Events:	1	Total Volume Reported: 0.15 MG	Page: 154
<i>St. Johns</i>			County: <i>Clinton</i>
Reported Events:	1	Total Volume Reported: 0.135 MG	Page: 143
<i>Grand Rapids</i>			County: <i>Kent</i>
Reported Events:	18	Total Volume Reported: 0.11 MG	Page: 57
<i>Troy</i>			County: <i>Oakland</i>
Reported Events:	1	Total Volume Reported: 0.103 MG	Page: 147
<i>Milan</i>			County: <i>Monroe</i>
Reported Events:	1	Total Volume Reported: 0.1 MG	Page: 111
<i>Muskegon Heights</i>			County: <i>Muskegon</i>
Reported Events:	1	Total Volume Reported: 0.1 MG	Page: 114
<i>Genesee County Drain Commissioner</i>			County: <i>Genesee</i>
Reported Events:	8	Total Volume Reported: 0.072 MG	Page: 51
<i>McBain</i>			County: <i>Missaukee</i>
Reported Events:	3	Total Volume Reported: 0.057 MG	Page: 107
<i>Bessemer Township</i>			County: <i>Gogebic</i>
Reported Events:	2	Total Volume Reported: 0.046 MG	Page: 18
<i>Grand Ledge</i>			County: <i>Eaton</i>
Reported Events:	2	Total Volume Reported: 0.037 MG	Page: 56
<i>Parma</i>			County: <i>Jackson</i>
Reported Events:	2	Total Volume Reported: 0.03 MG	Page: 126
<i>Eaton Rapids</i>			County: <i>Eaton</i>
Reported Events:	2	Total Volume Reported: 0.03 MG	Page: 40
<i>Warren</i>			County: <i>Macomb</i>
Reported Events:	1	Total Volume Reported: 0.03 MG	Page: 151

Adrian Charter TownshipCounty: *Lenawee*

Reported Events: 1 Total Volume Reported: 0.023 MG Page: 5

HartCounty: *Oceana*

Reported Events: 1 Total Volume Reported: 0.022 MG Page: 76

Ravenna, Village ofCounty: *Muskegon*

Reported Events: 2 Total Volume Reported: 0.021 MG Page: 133

White Lake TownshipCounty: *Oakland*

Reported Events: 1 Total Volume Reported: 0.02 MG Page: 159

PetoskeyCounty: *Emmet*

Reported Events: 1 Total Volume Reported: 0.02 MG Page: 128

Southern Clinton CountyCounty: *Clinton*

Reported Events: 2 Total Volume Reported: 0.02 MG Page: 140

Leoni TownshipCounty: *Jackson*

Reported Events: 2 Total Volume Reported: 0.015 MG Page: 93

Livingston County Drain CommissionerCounty: *Livingston*

Reported Events: 13 Total Volume Reported: 0.015 MG Page: 95

Harbor BeachCounty: *Huron*

Reported Events: 3 Total Volume Reported: 0.014 MG Page: 75

Western Township Utility AuthorityCounty: *Wayne*

Reported Events: 14 Total Volume Reported: 0.013 MG Page: 155

Port SanilacCounty: *Sanilac*

Reported Events: 1 Total Volume Reported: 0.011 MG Page: 130

Napoleon TownshipCounty: *Jackson*

Reported Events: 1 Total Volume Reported: 0.01 MG Page: 115

MillingtonCounty: *Tuscola*

Reported Events: 1 Total Volume Reported: 0.01 MG Page: 112

PigeonCounty: *Huron*

Reported Events: 1 Total Volume Reported: 0.01 MG Page: 129

ReeseCounty: *Tuscola*

Reported Events: 1 Total Volume Reported: 0.01 MG Page: 136

Muskegon CountyCounty: *Muskegon*

Reported Events: 1 Total Volume Reported: 0.01 MG Page: 112

Crystal Sewer DistrictCounty: *Montcalm*

Reported Events: 1 Total Volume Reported: 0.008 MG Page: 36

KalamazooCounty: *Kalamazoo*

Reported Events: 5 Total Volume Reported: 0.007 MG Page: 83

Battle CreekCounty: *Calhoun*

Reported Events: 10 Total Volume Reported: 0.006 MG Page: 11

JasperCounty: *Lenawee*

Reported Events: 1 Total Volume Reported: 0.006 MG Page: 82

<i>Green Oak Township</i>			County: <i>Livingston</i>
Reported Events:	1	Total Volume Reported:	0.005 MG Page: 69
<i>Clinton Township</i>			County: <i>Macomb</i>
Reported Events:	2	Total Volume Reported:	0.004 MG Page: 33
<i>Southwest Barry County Sewer & Water Authority</i>			County: <i>Barry</i>
Reported Events:	5	Total Volume Reported:	0.004 MG Page: 140
<i>Waterford</i>			County: <i>Oakland</i>
Reported Events:	3	Total Volume Reported:	0.003 MG Page: 152
<i>Nashville, Village of</i>			County: <i>Barry</i>
Reported Events:	1	Total Volume Reported:	0.003 MG Page: 116
<i>Spring Arbor Township</i>			County: <i>Jackson</i>
Reported Events:	3	Total Volume Reported:	0.003 MG Page: 141
<i>Portage-Base Lakes Sewage Authority</i>			County: <i>Washtenaw</i>
Reported Events:	2	Total Volume Reported:	0.003 MG Page: 132
<i>Traverse City</i>			County: <i>Grand Traverse</i>
Reported Events:	4	Total Volume Reported:	0.003 MG Page: 146
<i>Holland</i>			County: <i>Ottawa</i>
Reported Events:	1	Total Volume Reported:	0.003 MG Page: 79
<i>Grass Lake Township</i>			County: <i>Jackson</i>
Reported Events:	2	Total Volume Reported:	0.003 MG Page: 65
<i>Arbor Village Mobile Home Community</i>			County: <i>Jackson</i>
Reported Events:	1	Total Volume Reported:	0.003 MG Page: 10
<i>Hamburg Twp</i>			County: <i>Livingston</i>
Reported Events:	2	Total Volume Reported:	0.003 MG Page: 75
<i>Flushing</i>			County: <i>Genesee</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 43
<i>Galien River SD Sewer Authority</i>			County: <i>Berrien</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 50
<i>Genesee Township</i>			County: <i>Genesee</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 53
<i>New Baltimore</i>			County: <i>Macomb</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 117
<i>Durand</i>			County: <i>Shiawassee</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 39
<i>Elba Township</i>			County: <i>Lapeer</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 41
<i>Ann Arbor</i>			County: <i>Washtenaw</i>
Reported Events:	5	Total Volume Reported:	0.002 MG Page: 7
<i>Caledonia Township</i>			County: <i>Kent</i>
Reported Events:	2	Total Volume Reported:	0.002 MG Page: 24

<i>Cassopolis</i>			<i>County: Cass</i>
Reported Events:	1	Total Volume Reported:	0.002 MG Page: 26
<i>College Heights MHC</i>			<i>County: Oakland</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 34
<i>Brighton</i>			<i>County: Livingston</i>
Reported Events:	2	Total Volume Reported:	0.001 MG Page: 23
<i>Hudson</i>			<i>County: Lenawee</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 80
<i>Loch Erin</i>			<i>County: Lenawee</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 98
<i>Marquette, City of</i>			<i>County: Marquette</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 103
<i>Marshall</i>			<i>County: Calhoun</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 104
<i>Paw Paw Township</i>			<i>County: Van Buren</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 128
<i>Rollin-Woodstock</i>			<i>County: Lenawee</i>
Reported Events:	1	Total Volume Reported:	0.001 MG Page: 136
<i>Menominee</i>			<i>County: Menominee</i>
Reported Events:	1	Total Volume Reported:	0.0009 MG Page: 109
<i>Farmington Hills</i>			<i>County: Oakland</i>
Reported Events:	2	Total Volume Reported:	0.00075 MG Page: 41
<i>Grattan Township</i>			<i>County: Kent</i>
Reported Events:	1	Total Volume Reported:	0.0006 MG Page: 66
<i>Lyon Township</i>			<i>County: Oakland</i>
Reported Events:	2	Total Volume Reported:	0.00051 MG Page: 99
<i>Bingham Township</i>			<i>County: Clinton</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 21
<i>Boyne City</i>			<i>County: Charlevoix</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 22
<i>Franklin</i>			<i>County: Oakland</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 46
<i>Gagetown</i>			<i>County: Tuscola</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 49
<i>MDOT - Sandstone Rest Area</i>			<i>County: Jackson</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 108
<i>Paw Paw</i>			<i>County: Van Buren</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 127
<i>Sherman Oaks Mobile Home Community</i>			<i>County: Jackson</i>
Reported Events:	1	Total Volume Reported:	0.0005 MG Page: 138

<i>Walkerville, Village of</i>			County: <i>Oceana</i>
Reported Events:	1	Total Volume Reported:	0.00045 MG Page: 148
<i>Walnut Ridge Subdivision</i>			County: <i>Washtenaw</i>
Reported Events:	1	Total Volume Reported:	0.00045 MG Page: 149
<i>Bloomfield Hills</i>			County: <i>Oakland</i>
Reported Events:	2	Total Volume Reported:	0.0004 MG Page: 21
<i>West Bloomfield Township</i>			County: <i>Oakland</i>
Reported Events:	2	Total Volume Reported:	0.00035 MG Page: 154
<i>Manistee</i>			County: <i>Manistee</i>
Reported Events:	2	Total Volume Reported:	0.0003 MG Page: 101
<i>Dexter</i>			County: <i>Washtenaw</i>
Reported Events:	1	Total Volume Reported:	0.0003 MG Page: 37
<i>Lawrence</i>			County: <i>Van Buren</i>
Reported Events:	1	Total Volume Reported:	0.0003 MG Page: 91
<i>Orleans Township</i>			County: <i>Ionia</i>
Reported Events:	1	Total Volume Reported:	0.0003 MG Page: 125
<i>Whitehall, City of</i>			County: <i>Muskegon</i>
Reported Events:	1	Total Volume Reported:	0.0003 MG Page: 160
<i>Iron River Township</i>			County: <i>Iron</i>
Reported Events:	2	Total Volume Reported:	0.00027 MG Page: 81
<i>Tyrone Twp</i>			County: <i>Livingston</i>
Reported Events:	1	Total Volume Reported:	0.00025 MG Page: 148
<i>Chain of Lakes Sewer Authority</i>			County: <i>Newaygo</i>
Reported Events:	2	Total Volume Reported:	0.00023 MG Page: 28
<i>Fenton</i>			County: <i>Genesee</i>
Reported Events:	1	Total Volume Reported:	0.0002 MG Page: 42
<i>Grand Ridge Homeowners Association</i>			County: <i>Ionia</i>
Reported Events:	1	Total Volume Reported:	0.0002 MG Page: 64
<i>Kingsley</i>			County: <i>Grand Traverse</i>
Reported Events:	1	Total Volume Reported:	0.0002 MG Page: 87
<i>Madison Township</i>			County: <i>Lenawee</i>
Reported Events:	1	Total Volume Reported:	0.0002 MG Page: 100
<i>Portage</i>			County: <i>Kalamazoo</i>
Reported Events:	1	Total Volume Reported:	0.0002 MG Page: 131
<i>Wamplers Lake</i>			County: <i>Lenawee</i>
Reported Events:	1	Total Volume Reported:	0.0002 MG Page: 150
<i>Novi</i>			County: <i>Oakland</i>
Reported Events:	1	Total Volume Reported:	0.00015 MG Page: 119
<i>Lawton</i>			County: <i>Van Buren</i>
Reported Events:	2	Total Volume Reported:	0.000115 MG Page: 91

Grattan-Vergennes TownshipsCounty: *Kent*

Reported Events: 2 Total Volume Reported: 0.000105 MG Page: 67

Big RapidsCounty: *Mecosta*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 19

FrankenmuthCounty: *Saginaw*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 45

GaylordCounty: *Otsego*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 50

Lakewood Wastewater AuthorityCounty: *Ionia*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 88

MDOT-BrightonCounty: *Livingston*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 109

Negaunee WWTPCounty: *Marquette*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 117

Seney TownshipCounty: *Schoolcraft*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 137

St. JosephCounty: *Berrien*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 144

Three RiversCounty: *St Joseph*

Reported Events: 1 Total Volume Reported: 0.0001 MG Page: 144

Allan's Park MHP-FowlervilleCounty: *Livingston*

Reported Events: 1 Total Volume Reported: 0.00005 MG Page: 6

FowlervilleCounty: *Livingston*

Reported Events: 1 Total Volume Reported: 0.00005 MG Page: 45

Gun Lake Sewer And Water AuthorityCounty: *Barry*

Reported Events: 1 Total Volume Reported: 0.00005 MG Page: 73

HartlandCounty: *Livingston*

Reported Events: 1 Total Volume Reported: 0.00005 MG Page: 78

Hartland TownshipCounty: *Livingston*

Reported Events: 1 Total Volume Reported: 0.00005 MG Page: 78

PlainwellCounty: *Allegan*

Reported Events: 1 Total Volume Reported: 0.00005 MG Page: 129

Dimondale / WindsorCounty: *Eaton*

Reported Events: 1 Total Volume Reported: 0.000045 MG Page: 38

Double Eagle Coating Co.County: *Wayne*

Reported Events: 1 Total Volume Reported: 0.000025 MG Page: 39

Ontwa TownshipCounty: *Cass*

Reported Events: 1 Total Volume Reported: 0.000025 MG Page: 123

Benton HarborCounty: *Berrien*

Reported Events: 1 Total Volume Reported: Unspecified Page: 18

<i>Commerce Twp</i>			<i>County: Oakland</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 34
<i>Country Acres MHP</i>			<i>County: Allegan</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 35
<i>Ford Motor Co.</i>			<i>County: Wayne</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 44
<i>Green Briar Estates Mobile Home Park</i>			<i>County: Washtenaw</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 68
<i>Ironwood Charter Township</i>			<i>County: Gogebic</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 82
<i>Karrington Assisted Living Center</i>			<i>County: Oakland</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 86
<i>Leland Township</i>			<i>County: Leelanau</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 92
<i>Orchard Lake Village</i>			<i>County: Oakland</i>
Reported Events:	1	Total Volume Reported: Unspecified	Page: 124

What Data Does the Detailed SSO Report (Appendix 4) Contain?

The data contained in the attached Detailed SSO Report (Appendix 4) was reported (as required by law) to the DEQ by the responsible entities. During the report period from January 1, 2006 through December 31, 2006 there were 308 events reported for a total SSO volume of 85.41 million gallons (see Figures 9 and 10).

How Does 2006 Compare to Previous Years

Numerical SSO events and the discharge volume per the past six years are represented below.

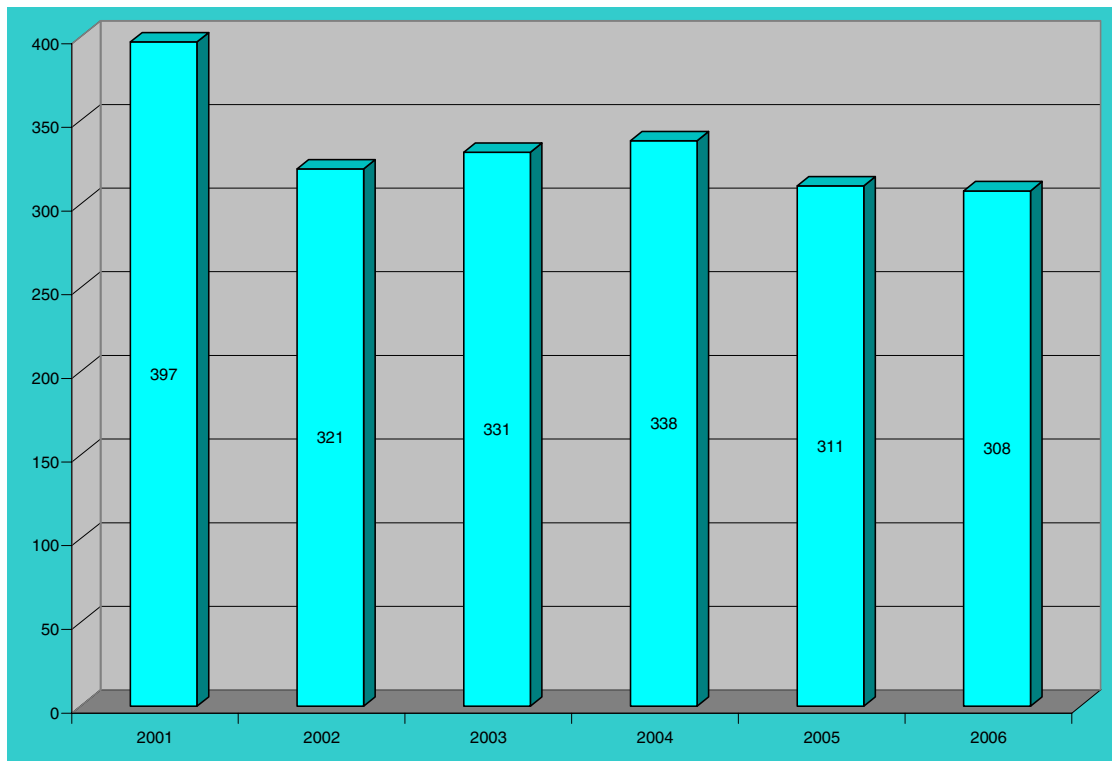


Figure 9: Number of SSO Events/Year

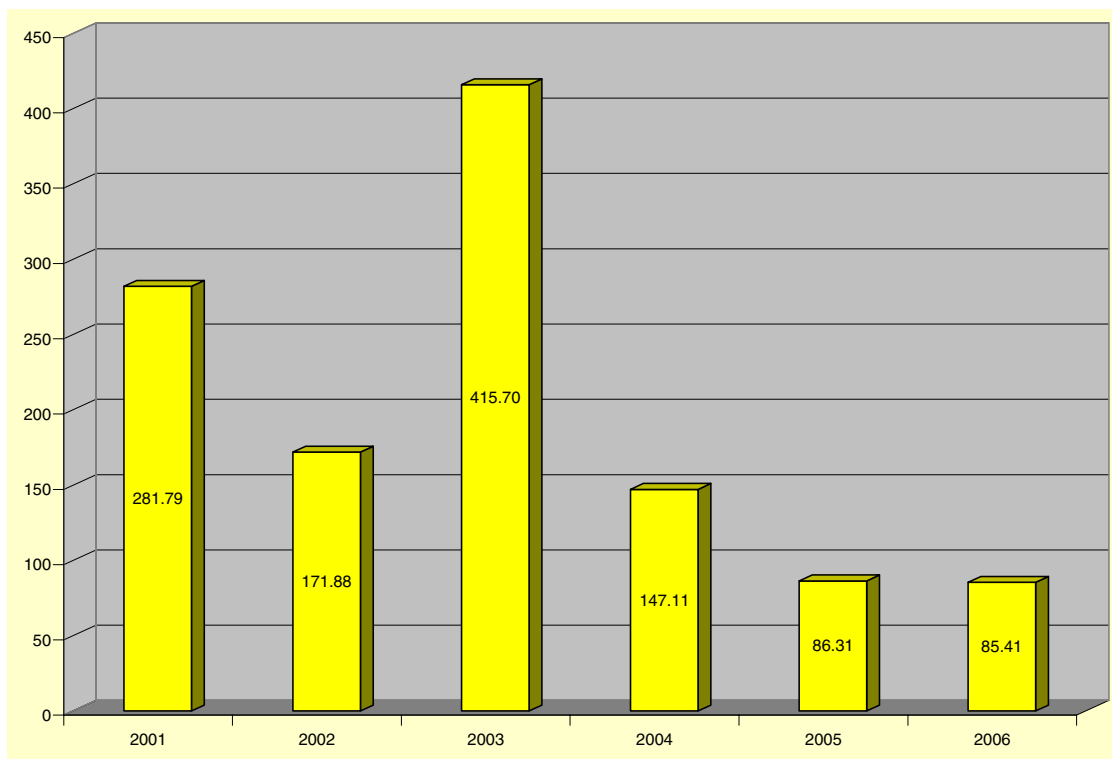


Figure 10: SSO Total Volume/Year (in Millions of Gallons)

The six years of data indicates continuing progress in the elimination of SSO events and reduction in the volume of SSO discharges despite that fact that 2006 was the “wettest” year since reporting began (see Figure 8).

In calendar year 2003 there was an electrical blackout (sometimes referred to as the Northeast United States Regional Blackout), lasting from August 14 -16, 2003. This event impacted much of the southern portion of the State of Michigan. To minimize events due to electrical failure, Michigan WWTPs are required to have either dual direct power feeds from two independent electrical substations, or to have one direct power source and a standby generator. During the blackout, entire electrical grids went down. This event differed from past power outages. This event left the facilities that depended upon the two independent electrical substations without power and about 117 Million Gallons from 2003 can be attributed to this event.

KEY TO THE REPORTED VOLUME CODES:

In the Appendices, when a volume range was reported, the greatest value was used for the purposes of this report. In addition, volume totals were rounded off to a maximum of three decimal places, when applicable. The following codes mean:

- a = reported as an approximate value
- c = reported volume unit (e.g., cubic feet) converted to standard units (million gallons)
- g = reported volume greater than or equal to listed value
- l = reported volume less than or equal to listed value

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT (EXCERPT)
Act 451 of 1994

324.3112a Discharge of untreated sewage from sewer system; notification; duties of municipality; legal action by state not limited; penalties and fines; definitions.

Sec. 3112a.

(1) Except for sewer systems described in subsection (8), if untreated sewage or partially treated sewage is directly or indirectly discharged from a sewer system onto land or into the waters of the state, the person responsible for the sewer system shall immediately, but not more than 24 hours after the discharge begins, notify the department; local health departments as defined in section 1105 of the public health code, 1978 PA 368, MCL 333.1105; a daily newspaper of general circulation in the county or counties in which a municipality notified pursuant to subsection (4) is located; and a daily newspaper of general circulation in the county in which the discharge occurred or is occurring of all of the following:

(a) Promptly after the discharge starts, by telephone or in another manner required by the department, that the discharge is occurring.

(b) At the conclusion of the discharge, in writing or in another manner required by the department, all of the following:

(i) The volume and quality of the discharge as measured pursuant to procedures and analytical methods approved by the department.

(ii) The reason for the discharge.

(iii) The waters or land area, or both, receiving the discharge.

(iv) The time the discharge began and ended as measured pursuant to procedures approved by the department.

(v) Verification of the person's compliance status with the requirements of its national pollutant discharge elimination system permit or groundwater discharge permit and applicable state and federal statutes, rules, and orders.

(2) Upon being notified of a discharge under subsection (1), the department shall promptly post the notification on its website.

(3) Each time a discharge to surface waters occurs under subsection (1), the person responsible for the sewer system shall test the affected waters for E. coli to assess the risk to the public health as a result of the discharge and shall provide the test results to the affected local county health departments and to the department. The testing shall be done at locations specified by each affected local county health department but shall not exceed 10 tests for each separate discharge event. The requirement for this testing may be waived by the affected local county health department if the affected local county health department determines that such testing is not needed to assess the risk to the public health as a result of the discharge event.

(4) A person responsible for a sewer system that may discharge untreated sewage or partially treated sewage into the waters of the state shall annually contact each municipality whose jurisdiction contains waters that may be affected by the discharge. If those contacted municipalities wish to be notified in the same manner as provided in subsection (1), the person responsible for the sewer system shall provide that notification.

(5) A person who is responsible for a discharge of untreated sewage or partially treated sewage from a sewer system into the waters of the state shall comply with the requirements of its

national pollutant discharge elimination system permit or groundwater discharge permit and applicable state and federal statutes, rules, and orders.

(6) This section does not authorize the discharge of untreated sewage or partially treated sewage into the waters of the state or limit the state from bringing legal action as otherwise authorized by this part.

(7) The penalties and fines provided for in section 3115 apply to a violation of this section.

(8) For sewer systems that discharge to the groundwater via a subsurface disposal system, that do not have a groundwater discharge permit issued by the department, and the discharge of untreated sewage or partially treated sewage is not to surface waters, the person responsible for the sewer system shall notify the local health department in accordance with subsection (1)(a) and (b), but the requirements of subsections (2), (3), (4), and (5) do not apply.

(9) As used in this section:

(a) "Partially treated sewage" means any sewage, sewage and storm water, or sewage and wastewater, from domestic or industrial sources that meets 1 or more of the following:

(i) Is not treated to national secondary treatment standards for wastewater or that is treated to a level less than that required by the person's national pollutant discharge elimination system permit.

(ii) Is treated to a level less than that required by the person's groundwater discharge permit.

(iii) Is found on the ground surface.

(b) "Sewer system" means a public or privately owned sewer system designed and used to convey or treat sanitary sewage or sanitary sewage and storm water. Sewer system does not include an on-site wastewater treatment system serving 1 residential unit or duplex.

(c) "Surface water" means all of the following, but does not include drainage ways and ponds used solely for wastewater conveyance, treatment, or control:

(i) The Great Lakes and their connecting waters.

(ii) Inland lakes.

(iii) Rivers.

(iv) Streams.

(v) Impoundments.

(vi) Open drains.

(vii) Other surface bodies of water.

History: 1994, Act 451, Eff. Mar. 30, 1995 ;-- Am. 1998, Act 3, Imd. Eff. Jan. 30, 1998 ;-- Am. 2000, Act 286, Imd. Eff. July 10, 2000 ;-- Am. 2004, Act 72, Imd. Eff. Apr. 20, 2004

Popular Name: Act 451

324.3112c Discharges of untreated or partially treated sewage from sewer systems; list of occurrences; “partially treated sewage” and “sewer system” defined.

Sec. 3112c.

(1) The department shall compile and maintain a list of occurrences of discharges of untreated or partially treated sewage from sewer systems onto land or into the waters of the state that have been reported to the department or are otherwise known to the department. This list shall be made available on the department’s website on an ongoing basis. In addition, the department shall annually publish this list and make it available to the general public. The list shall include all of the following:

- (a) The entity responsible for the discharge.
- (b) The waters or land area, or both, receiving the discharge.
- (c) The volume and quality of the discharge.
- (d) The time the discharge began and ended.
- (e) A description of the actions the department has taken to address the discharge.
- (f) Whether the entity responsible for the discharge is subject to a schedule of compliance approved by the department.
- (g) Any other information that the department considers relevant.

(2) As used in this section:

- (a) “Partially treated sewage” means any sewage, sewage and storm water, or sewage and wastewater, from domestic or industrial sources that is not treated to national secondary treatment standards for wastewater or that is treated to a level less than that required by a national pollutant discharge elimination system permit.
- (b) “Sewer system” means a sewer system designed and used to convey sanitary sewage or storm water, or both.

History: Add. 2000, Act 287, Imd. Eff. July 10, 2000

Popular Name: Act 451

Blending Detail Report

January 1, 2006 - December 31, 2006

Downriver WWTP

County: Wayne

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8043	02/17/06 5:00 A	02/17/06 4:00 P	9.82 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	Plant pumping rate exceeded the capacity of the secondary treatment process.
8120	03/13/06 8:00 A	03/13/06 8:50 A	21.84 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	Flow to the plant exceeded the capacity of the secondary treatment system
8430	05/11/06 5:00 A	05/11/06 7:00 P	13.43 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	Heavy downpour & thunder storms in the early morning caused total flow to the plant to exceed the capacity of the secondary treatment portion
8429	05/11/06 2:00 P	05/10/06 9:00 P	6.58 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	Flow to the WWTP exceeded the Primary Treatment Process capacity
8590	05/16/06 9:00 A	05/16/06 12:50 P	2.65 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	A week of continuous rain caused the ground to be saturated. A subsequent rainstorm caused increased plant flow that exceeded capacity of the secondary treatment process.

Blending Detail Report

January 1, 2006 - December 31, 2006

Downriver WWTP

County: Wayne

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9475	12/01/06 9:15 A	12/02/06 3:00 A	34.13 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	Rainstorm caused the total flow to the plant to exceed the capacity of the secondary
9476	12/01/06 10:05 A	12/01/06 10:00 P	22.93 Million Gallons	Blended	Outfall 001C (Blended effluent). Land: None entered, Waterbody: Trenton channel	Flow to the wastewater plant exceeded the Primary Treatment Process Capacity.

Summary for Downriver WWTP:

7 of 7 Events with a Reported Volume Total SSO Volume Reported: 111.38 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Outfall 001C (Blended effluent) *** Outfall 001C (Blended effluent) *** Outfall 001C (Blended effluent)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: MDEQ review of NPDES permit indicates that the bypass of secondary treatment is allowed under the permit,

Actions to Prevent Reoccurrence: No corrective action required.

Comments: Bypass permitted under NPDES permit and former Federal Consent Judgment.

Bypass Detail Report

January 1, 2006 - December 31, 2006

Ann Arbor

County: Washtenaw

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8384	05/14/06 8:30 P	05/14/06 11:30 P	0.125 Million Gallons	a Partially treated sewage	Wastewater treatment plant, outfall 001. Land: None entered, Waterbody: Huron River	WWTP discharged treated effluent without ultraviolet disinfection for approx 20 minutes due to a Detroit Edison power outage. The outage caused one of two power feeds at the WWTP to be temporarily

Summary for Ann Arbor:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.125 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Wastewater treatment plant, outfall 001

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluated local response; Response adequate.

Actions to Prevent Reoccurrence: Actions taken to restore UV disinfection as soon as possible

Comments: None entered

Bypass Detail Report

January 1, 2006 - December 31, 2006

Bay County

County: Bay

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9435	12/01/06 4:12 P	12/01/06 4:30 P	0.05 Million Gallons	Partially treated sewage	WWTP grounds/Plant site (grit chamber). Land: ground adjacent to west grit chamber, north end, Waterbody: None entered	Pump failure at WWTP caused primary settling tanks to overflow into storm drain.

Summary for Bay County: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.05 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bellaire

County: Antrim

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8281	04/24/06 11:50 A	04/24/06 1:00 P	0.03 Million Gallons	Partially treated sewage	505 South Court Street (Manhole @ Treatment Plant). Land: Land surrounding manhole., Waterbody: None entered	Obstructed line.

Summary for Bellaire: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.03 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bypass Detail Report

January 1, 2006 - December 31, 2006

Betsie Lake Utilities Auth

County: Benzie

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9239	10/03/06 11:00 P	10/04/06 6:00 A	0.02 Million Gallons	Activated sludge	181 Lake Street (Pump Station at Plant). Land: Grounds of the facility., Waterbody: None entered	Electrical failure at pump station - caused by lightning.

Summary for Betsie Lake Utilities Auth: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.02 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Capital Crossing

County: Clinton

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9519	12/04/06 1:00 P	12/05/06 9:30 A	0.072 Million Gallons	Partially treated sewage	Capital Crossing WWTP, Eagle MI. Land: area surround WWTP, Waterbody: None entered	Operator error. Partially treated wastewater was being transferred from a holding pond to sludge tank. Pump hose fell out of tank.

Summary for Capital Crossing: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.072 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bypass Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8255	03/30/06 6:45 P	03/30/06 8:40 P	36.45 Million Gallons	Partially treated sewage	Outfall 049F. Land: None entered, Waterbody: Detroit WWTP	A loss of control system power resulted in a shutdown of intermediate Lift Pump #1 and

Summary for Detroit:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 36.45 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Outfall 049F

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: Second amended consent judgement requires waste water treatment plant rehabilitation. **Schedule of Compliance Approved by MDEQ:** Yes

Actions by MDEQ: Negotiated a second amended consent judgement with permittee.

Actions to Prevent Reoccurrence: Corrective actions being implemented by the permittee, per the consent judgement.

Comments: None entered

Eaton Rapids

County: Eaton

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8236	02/27/06 9:00 P	02/27/06 9:10 P	0.003 Million Gallons	Partially treated sewage	Eaton Rapids WWTP. Land: None, Waterbody: None entered	Pump failure
8237	02/28/06 5:00 A	02/28/06 5:15 A	0.0035 Million Gallons	Partially treated sewage	Eaton Rapids WWTP. Land: None, Waterbody: None entered	Plugged discharge line

Summary for Eaton Rapids:

2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.007 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bypass Detail Report

January 1, 2006 - December 31, 2006

Genesee Township

County: Genesee

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8306	05/01/06 8:21 P	05/01/06 8:38 P	0.0187 Million Gallons	Partially treated sewage	PS4 @ 4069 Mitchell Dr. Land: None entered, Waterbody: Kearley Lake	Malfunction in bubbler system

Summary for Genesee Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.019 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): PS4 @ 4069 Mitchell Dr.

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluating compliance options.

Actions to Prevent Reoccurrence: (no entry)

Comments: None entered

Genoa Twp

County: Livingston

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9807	11/01/06 12:01 A	12/09/06 12:00 P	0.0005 Million Gallons	Partially treated sewage	Oak Point WWTP, 4975 Bright Rd, Brighton. Land: area around excavation, Waterbody: None	Concrete joint by SBR4 leaking mixed liquor.
9806	12/27/06 8:00 A	12/27/06 12:00 P	0.002 Million Gallons	Activated sludge	Oak Point WWTP, 4975 Bright Rd, Brighton. Land: area around excavation, Waterbody: None	Break in Waste Activated Sludge line below ground

Summary for Genoa Twp: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bypass Detail Report

January 1, 2006 - December 31, 2006

Genoa-Oceola Sewer Authority

County: Livingston

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9273	10/15/06 4:00 P	10/17/06 3:30 P	0.3 Million Gallons	Partially treated sewage	Genoa-Oceola WWTP. Land: none, Waterbody: None entered	Clarifier imbalance

Summary for Genoa-Oceola Sewer Authority: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.3 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

J & H Oil Company-Lowell Twp

County: Kent

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9686	05/22/06 2:00 P	05/22/06 2:20 P	0.0035 Million Gallons	Partially treated sewage	4487 Alden Nash, Lowell Twp. (Storm Sewer). Land: None entered, Waterbody: Easterby Drain	Seepage lagoon failure. Maintenance personnel pumped the contents of the seepage lagoon into a storm sewer catch basin.
9687	06/13/06 12:00 A	07/06/06 10:00 A	0.001 Million Gallons	Partially treated sewage	4487 Alden Nash, Lowell Twp. (Storm Sewer). Land: None entered, Waterbody: Easterby Drain	Seepage lagoon failure. Lagoon overtopped onto the ground surface.

Summary for J & H Oil Company-Lowell Twp: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.005 Million Gallons

Bypass Detail Report

January 1, 2006 - December 31, 2006

J & H Oil Company-Lowell Twp

County: Kent

Outfall Corrective Actions:

Associated Outfall(s): 4487 Alden Nash, Lowell Twp. (Storm Sewer) *** 4487 Alden Nash, Lowell Twp. (Storm Sewer)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Referred for escalated enforcement.

Actions to Prevent Reoccurrence: Maintenance personnel instructed. Daily monitoring of the lagoon water levels. Licensed waste hauler on retainer in case pumping is required.

Comments: None entered

Kinross Township

County: Chippewa

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8276	04/14/06 7:45 P	04/14/06 8:15 P	0.012 Million Gallons	Partially treated sewage	West secondary trickling filter (process overflow). Land: soil behind secondary filter, Waterbody: None entered	Secondary filter discharge valve remained closed after repair to primary and backed up

Summary for Kinross Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.012 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bypass Detail Report

January 1, 2006 - December 31, 2006

Leighton Township

County: Allegan

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9200	09/26/06 4:30 P	09/27/06 7:00 A	0.43344 Million Gallons	Partially treated sewage	Green Lake WWSL Outfall 001. Land: None entered, Waterbody: Tollarner Drain	Plant is built with a slide gate valve to either recirculate to North pond while checking phosphorus. Once phosphorus limits are met, gate valve is opened to Tollarner Drain for discharge. Slide gate valve was not closed while filling clarifier.

Summary for Leighton Township:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.433 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Green Lake WWSL Outfall 001

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Removed operator from job and instructed all associated to read O&M manual. O&M manuals are kept on site and at office.

Comments: None entered

Bypass Detail Report

January 1, 2006 - December 31, 2006

Marine City

County: St Clair

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8893	07/30/06 5:00 P	07/31/06 12:30 A	1 Million Gallons	Partially treated sewage	WWTP outfall. Land: none, Waterbody: St. Clair River	Outage on both legs of incoming power caused the rotors on the Oxidation Ditch to stop, reducing the mixing in the secondary treatment.

Summary for Marine City: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 1 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Marysville

County: St Clair

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8010	02/17/06 7:00 A	02/17/06 5:00 P	1 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	1.28 inches of rain and snowmelt

Summary for Marysville: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 1 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Wet Weather Sta. Huron Blvd & River Rd.

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered ***Schedule of Compliance Approved by MDEQ:*** No

Actions by MDEQ: DCA issued 11/8/2002 to require a PPC submission for a wet weather storage station by October 2007

Actions to Prevent Reoccurrence: DCA issued 11/8/2002. The entity constructed a 1.2 MG wet weather storage station.

Comments: Should the PPC certification not meet the required Oct. 2007 date, a CAP will be required

Bypass Detail Report

January 1, 2006 - December 31, 2006

Middleville

County: Barry

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9520	12/07/06 9:45 A	12/07/06 10:15 A	0.0005 Million Gallons	Partially treated sewage	607 Sheridan Street, Middleville (Sludge storage tank). Land: Area around tank, Waterbody: None entered	Sludge storage tank supernatant overflow due to plugged pump.

Summary for Middleville:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 607 Sheridan Street, Middleville (Sludge storage tank)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time.

Actions to Prevent Reoccurrence: Operator will inquire to the village engineer about redesigning the floor drain from the sludge storage tank.

Comments: None entered

Bypass Detail Report

January 1, 2006 - December 31, 2006

Pontiac

County: Oakland

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8022	02/17/06 1:07 A	02/17/06 5:00 A	Unspecified	Partially treated sewage	Auburn WWTP. Land: None entered, Waterbody: Clinton River	Automatic bar screen rake not functioning and 1.05" of rain and snowmelt overwhelmed plant capacity, chlorinated raw sewage.

Summary for Pontiac:

0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions:

Associated Outfall(s): Auburn WWTP (Auburn WWTP)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: I/I study work plan required in NPDES permit.

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: I/I study required in the NPDES permit.

Actions to Prevent Reoccurrence: (no entry)

Comments: None entered

Bypass Detail Report

January 1, 2006 - December 31, 2006

South Huron Valley

County: Wayne

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8895	07/31/06 1:00 P	07/31/06 1:30 P	0.000025 Million Gallons	Biosolids	Storm drain W. of biosolids #2 mixing tank. Land: Area adjacent to storage tank, Waterbody: Retention basin S. Side of site	The biosolids expanded in a mixing tank used by a contractor for a dewatering project. The air gap in the tank wasn't large enough to contain the expansion.

Summary for South Huron Valley: **1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.000025 Million Gallons**

Outfall Corrective Actions:

Associated Outfall(s): Storm drain W. of biosolids #2 mixing tank

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: No further action by MDEQ is necessary at this time.

Actions to Prevent Reoccurrence: Entity will ensure contractors prevent reoccurrence.

Comments: None entered

Bypass Detail Report

January 1, 2006 - December 31, 2006

Ypsilanti Community Utilities Authority

County: Washtenaw

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
7335	01/11/06 8:00 P	01/11/06 11:15 P	0.79 Million Gallons	Partially treated sewage	Admin. Bldg East stormwater basin. Land: WWTP yard between clearwell manway & E. parking lot, Waterbody: Belleville Lake	The new tertiary influent pipe was closed after construction and not opened before new filters were put on line, causing wastewater overflow into the manway hatch of the tertiary

Summary for Ypsilanti Community Utility: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.79 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

8½ Mile Relief Drain Drainage District **County: Macomb** **Permit Designated Name: Chapaton RTB**

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7347	01/18/06	3:00 A	01/18/06	9:45 A	7.01 Million Gallons	7.01 / 0	001 - Lake St. Clair
8031	02/17/06	12:20 A	02/17/06	1:05 A	11.31 Million Gallons	11.31 / 0	002 - Lake St. Clair
8027	02/17/06	1:30 A	02/17/06	3:00 P	33.12 Million Gallons	33.12 / 0	001 - Lake St. Clair
8096	03/13/06	11:00 A	03/14/06	5:35 A	39.96 Million Gallons	39.96 / 0	001 - Lake St. Clair
8363	05/11/06	3:45 A	05/11/06	8:30 P	37.96 Million Gallons	37.96 / 0	001 - Lake St. Clair
8688	06/21/06	11:05 P	06/22/06	4:55 A	56.4 Million Gallons	56.4 / 0	001 - Lake St. Clair
8807	07/12/06	2:45 A	07/12/06	9:10 A	40.05 Million Gallons	40.05 / 0	001 - Lake St. Clair
8876	07/26/06	8:15 P	07/27/06	2:00 A	50.99 Million Gallons	50.99 / 0	001 - Lake St. Clair
9256	10/17/06	2:20 P	10/17/06	6:50 P	2.7 Million Gallons	2.7 / 0	001 - Lake St. Clair
9455	12/01/06	2:10 A	12/01/06	11:30 P	74.93 Million Gallons	74.93 / 0	001 - Lake St. Clair

Summary for 8½ Mile Relief Drain Drainage 10 of 10 Events with a Reported Volume Total CSO Volume Reported: 354.43 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

8½ Mile Relief Drain Drainage District

County: Macomb

Permit Designated Name: Chapaton RTB

Control Program:

Long Term Control Program Due Date: Submitted

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program has been completed; program & permit required 3-phase sewer construction project designed to reduce wet-weather flow quantities directed to the retention/treatment basin (RTB); permit also required submittal of RTB Evaluation Study to determine whether adequate treatment is provided to meet Water Quality Standards (the results of the study were ultimately approved on Jan. 31, 2007); the actual construction phase of the current project is complete; there are no "uncontrolled" (i.e., untreated) CSO outfalls associated with this permittee/program.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Bay City

County: Bay

Permit Designated Name: Bay City WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7110	01/03/06	1:30 A	01/06/06	9:00 A	48.9 Million Gallons	48.9 / 0	048 - Saginaw River
7744	01/29/06	10:30 A	01/31/06	5:00 P	39.7 Million Gallons	39.7 / 0	014 - Saginaw River *** 018 - Saginaw River *** 048 - Saginaw River
8056	03/10/06	3:00 A	03/16/06	1:00 A	117.35 Million Gallons	117.35 / 0	013 - Saginaw River *** 014 - Saginaw River *** 018 - Saginaw River *** 040 - Saginaw River *** 048 - Saginaw River
8073	03/13/06	5:30 A	03/13/06	10:00 P	15.97 Million Gallons	15.97 / 0	013 - Saginaw River *** 014 - Saginaw River *** 018 - Saginaw River *** 040 - Saginaw River
9147	08/26/06	6:06 P	08/27/06	12:00 P	10.7 Million Gallons	10.7 / 0	013 - Saginaw River *** 018 - Saginaw River *** 048 - Saginaw River
9431	12/01/06	11:20 A	12/03/06	10:30 P	51.5 Million Gallons	51.5 / 0	013 - Saginaw River *** 014 - Saginaw River *** 018 - Saginaw River *** 040 - Saginaw River *** 048 - Saginaw River

Summary for Bay City :

6 of 6 Events with a Reported Volume

Total CSO Volume Reported: 284.12 Million Gallons

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Currently collecting flow and rain fall data to conduct an evaluation study and model collection system for each of the 5 retention/treatment basins to determine whether adequate treatment is provided for the discharges; improvements to the retention/treatment basins may be required in the future pending the results of the evaluation studies. The study will evaluate basin 4 as a representative of basins 1 thru 4, and basin 5 separately.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Beverley Hills / Birmingham

County: Oakland

Permit Designated Name: Oakland Co-Acacia Park CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7982	02/16/06	11:30 P	02/17/06	3:00 P	5.35 Million Gallons	5.35 / 0	103 - Rouge River
8114	03/13/06	10:50 A	03/14/06	1:30 A	0.8 Million Gallons	0.8 / 0	103 - Rouge River
8379	05/11/06	2:45 A	05/11/06	2:31 P	3.73 Million Gallons	3.73 / 0	103 - Rouge River
9457	12/01/06	8:18 A	12/01/06	7:25 P	4.38 Million Gallons	4.38 / 0	103 - Rouge River

Summary for Beverley Hills / Birmingham : **4 of 4 Events with a Reported Volume** **Total CSO Volume Reported: 14.26 Million Gallons**

Control Program:

Long Term Control Program Due Date: 7/1/1999

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program being implemented; retention/treatment basin (RTB) construction complete and facility is "on-line"; no remaining untreated overflow outfalls; RTB has been shown to provide treatment that meets criteria for elimination of raw sewage & protection of public health, protection of dissolved oxygen standard, protection of physical characteristic standard, and no significant impact on downstream biological communities. The permit required "Total Residual Chlorine Mixing Zone/Plume Definition Study" has been submitted and is currently under review by the Department. The report evaluates whether or not the TRC discharges from the RTB cause violations of Water Quality Standards.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Birmingham

County: Oakland

Permit Designated Name: Birmingham CSO RTB

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7983	02/17/06	12:30 P	02/17/06	1:40 P	0.22 Million Gallons	0.22 / 0	101 - Rouge River
8113	03/13/06	10:40 A	03/14/06	2:55 A	1.45 Million Gallons	1.45 / 0	101 - Rouge River
8380	05/11/06	5:15 A	05/11/06	10:45 P	4.36 Million Gallons	4.36 / 0	101 - Rouge River
9459	12/01/06	8:30 A	12/02/06	4:00 A	7.29 Million Gallons	7.29 / 0	101 - Rouge River

Summary for Birmingham :

4 of 4 Events with a Reported Volume

Total CSO Volume Reported: 13.32 Million Gallons

Control Program:

Long Term Control Program Due Date: 7/1/1999

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program being implemented; retention/treatment basin (RTB) construction complete and facility is "on-line"; no remaining untreated overflow outfalls; RTB has been shown to provide treatment that meets criteria for elimination of raw sewage & protection of public health, protection of dissolved oxygen standard, protection of physical characteristic standard, and no significant impact on downstream biological communities. The permit required "Total Residual Chlorine Mixing Zone/Plume Definition Study" has been submitted and is currently under review by the Department. The report evaluates whether or not the TRC discharges from the RTB cause violations of Water Quality Standards.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Bloomfield Twp, Bloomfield Hills & Birming County: Oakland

Permit Designated Name: Bloomfield Village CSO RTB

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7984	02/17/06	2:45 A	02/17/06	6:30 P	0.46 Million Gallons	0.46 / 0	103 - Rouge River via Luz & Nichols
8378	05/11/06	4:00 A	05/11/06	4:30 P	1.88 Million Gallons	1.88 / 0	103 - Rouge River via Luz & Nichols
9458	12/01/06	12:16 P	12/01/06	9:35 P	2.52 Million Gallons	2.52 / 0	103 - Rouge River via Luz & Nichols

Summary for Bloomfield Twp, Bloomfield Hills & Birming County: Oakland 3 of 3 Events with a Reported Volume Total CSO Volume Reported: 4.86 Million Gallons

Control Program:

Long Term Control Program Due Date: 7/1/1999

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; retention/treatment basin (RTB) construction complete and facility is "on-line"; no remaining untreated overflow outfalls; RTB has been shown to provide treatment that meets criteria for elimination of raw sewage & protection of public health, protection of dissolved oxygen standard, protection of physical characteristic standard, and no significant impact on downstream biological communities. The permit required "Total Residual Chlorine Mixing Zone/Plume Definition Study" has been submitted and is currently under review by the Department. The report evaluates whether or not the TRC discharges from the RTB cause violations of Water Quality Standards.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Croswell

County: Sanilac

Permit Designated Name: Croswell WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8061	03/10/06	6:30 A	03/11/06	1:00 A	0.241 Million Gallons	0.241 / 0	002 - Black River
8068	03/13/06	7:00 A	03/15/06	9:00 P	0.622 Million Gallons	0.622 / 0	002 - Black River

Summary for Croswell :

2 of 2 Events with a Reported Volume

Total CSO Volume Reported: 0.863 Million Gallons

Control Program:

Long Term Control Program Due Date: Submitted

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program (sewer separation project) being implemented; the permit authorizes discharges from the existing CSO retention/treatment basin only through Sept. 30, 2007, because the city's system is now primarily separated; the interim period through Sept., 2007, will be utilized to reduce excess wet weather flows (i.e., infiltration) in the collection system. A retention basin is scheduled to be constructed this spring and fall, with an end result of elimination of outfall 002.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Crystal Falls

County: Iron

Permit Designated Name: Crystal Falls CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9312	05/11/06	7:00 A	05/11/06	3:15 P	0.001266 Million Gallons	0	/ 0.001266	002 - Paint River
9311	05/28/06	5:30 A	05/28/06	7:00 A	0.000284 Million Gallons	0	/ 0.000284	002 - Paint River
8837	06/06/06	2:50 P	06/06/06	8:25 P	0.000806 Million Gallons	0	/ 0.000806	002 - Paint River
8836	06/24/06	6:33 P	06/24/06	6:50 P	0.000037 Million Gallons	0	/ 0.000037	002 - Paint River
8835	07/14/06	9:45 A	07/14/06	10:45 A	0.000141 Million Gallons	0	/ 0.000141	002 - Paint River
9310	07/28/06	4:30 P	07/28/06	9:00 P	0.000286 Million Gallons	0	/ 0.000286	002 - Paint River
9309	07/29/06	6:45 A	07/29/06	7:45 A	0.00013 Million Gallons	0	/ 0.000198	002 - Paint River
9307	08/24/06	9:45 P	08/25/06	10:45 P	0.001126 Million Gallons	0	/ 0.001126	002 - Paint River
9308	09/08/06	9:15 A	09/08/06	10:00 A	0.000098 Million Gallons	0	/ 0.000098	002 - Paint River

Summary for Crystal Falls :

9 of 9 Events with a Reported Volume

Total CSO Volume Reported: 0.004 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Crystal Falls

County: Iron

Permit Designated Name: Crystal Falls CSO

Control Program:

Long Term Control Program Due Date: 10/1/1993

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program (sewer separation project) being implemented; sewer separation construction is largely complete; however, consistent with an Administrative Consent Order amended on Feb. 25, '04, the required date for elimination of overflows from the remaining CSO outfall has been extended until Nov. 15, '07, based upon the estimated earliest date for completion of Michigan Dept. of Transportation post-separation road repairs.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
7303	01/11/06	12:49 A	01/11/06	4:49 A	0.16 Million Gallons	0	/ 0.16	001 - Rouge River, Lower Branch
8135	01/11/06	1:25 A	01/11/06	4:46 A	0.06 Million Gallons	0	/ 0.06	011 - Rouge River
8140	01/11/06	1:34 A	01/11/06	9:49 A	0.89 Million Gallons	0	/ 0.89	013 - Rouge River
8137	01/11/06	2:10 A	01/11/06	2:19 A	0.01 Million Gallons	0	/ 0.01	020 - Rouge River, Lower Branch
8130	01/11/06	2:10 A	01/11/06	12:30 P	0.5 Million Gallons	0	/ 0.5	003 - Rouge River, Lower Branch
8136	01/11/06	2:30 A	01/11/06	3:19 A	0.02 Million Gallons	0	/ 0.02	012 - Rouge River, Lower Branch
8134	01/11/06	2:40 A	01/11/06	4:25 A	0.05 Million Gallons	0	/ 0.05	009 - Rouge River, Lower Branch
8133	01/11/06	3:04 A	01/11/06	6:00 A	0.18 Million Gallons	0	/ 0.18	008 - Rouge River, Lower Branch
8131	01/11/06	3:19 A	01/11/06	6:15 A	0.07 Million Gallons	0	/ 0.07	004 - Rouge River, Lower Branch
8132	01/11/06	3:34 A	01/11/06	5:55 A	0.02 Million Gallons	0	/ 0.02	007 - Rouge River, Lower Branch
7748	01/13/06	3:34 P	01/14/06	3:30 A	0.17 Million Gallons	0	/ 0.17	001 - Rouge River, Lower Branch
8148	01/13/06	4:15 P	01/14/06	3:10 A	1.3 Million Gallons	0	/ 1.3	013 - Rouge River
8147	01/13/06	9:19 P	01/14/06	2:55 A	0.06 Million Gallons	0	/ 0.06	011 - Rouge River
8142	01/13/06	10:15 P	01/14/06	6:15 A	0.7 Million Gallons	0	/ 0.7	003 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8145	01/14/06	12:15 A	01/14/06	3:19 A	0.04 Million Gallons	0 / 0.04	009 - Rouge River, Lower Branch
8144	01/14/06	12:25 A	01/14/06	4:34 A	0.27 Million Gallons	0 / 0.27	008 - Rouge River, Lower Branch
8146	01/14/06	12:49 A	01/14/06	1:30 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
8143	01/14/06	1:04 A	01/14/06	5:30 A	0.13 Million Gallons	0 / 0.13	007 - Rouge River, Lower Branch
7343	01/17/06	1:00 P	01/18/06	10:19 A	0.49 Million Gallons	0 / 0.49	001 - Rouge River, Lower Branch
8158	01/17/06	1:25 P	01/18/06	10:04 A	4.31 Million Gallons	0 / 4.31	013 - Rouge River
8156	01/17/06	1:40 P	01/18/06	9:49 A	0.17 Million Gallons	0 / 0.17	011 - Rouge River
8150	01/17/06	2:34 P	01/18/06	1:04 P	2.1 Million Gallons	0 / 2.1	003 - Rouge River, Lower Branch
8154	01/17/06	3:40 P	01/18/06	10:15 A	0.43 Million Gallons	0 / 0.43	009 - Rouge River, Lower Branch
8157	01/17/06	3:40 P	01/18/06	5:25 P	0.05 Million Gallons	0 / 0.05	012 - Rouge River, Lower Branch
8153	01/17/06	3:49 P	01/18/06	11:40 A	2.18 Million Gallons	0 / 2.18	008 - Rouge River, Lower Branch
8152	01/17/06	4:10 P	01/18/06	12:30 P	2.1 Million Gallons	0 / 2.1	007 - Rouge River, Lower Branch
8151	01/17/06	4:30 P	01/18/06	10:55 A	0.19 Million Gallons	0 / 0.19	004 - Rouge River, Lower Branch
8155	01/17/06	5:34 P	01/18/06	6:15 P	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch

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Dearborn

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8159	01/18/06	3:10 A	01/18/06	10:10 A	0.49 Million Gallons	0 / 0.49	014 - Rouge River
8160	01/18/06	6:49 A	01/18/06	10:15 A	0.05 Million Gallons	0 / 0.05	015 - Rouge River
7566	01/21/06	12:34 A	01/21/06	9:19 A	0.27 Million Gallons	0 / 0.27	001 - Rouge River, Lower Branch
8169	01/21/06	1:04 A	01/21/06	9:00 A	2.14 Million Gallons	0 / 2.14	013 - Rouge River
8167	01/21/06	1:10 A	01/21/06	8:40 A	0.1 Million Gallons	0 / 0.1	011 - Rouge River
8161	01/21/06	2:10 A	01/21/06	12:00 P	1.02 Million Gallons	0 / 1.02	003 - Rouge River, Lower Branch
8165	01/21/06	4:00 A	01/21/06	9:10 A	0.19 Million Gallons	0 / 0.19	009 - Rouge River, Lower Branch
8164	01/21/06	4:00 A	01/21/06	10:34 A	0.97 Million Gallons	0 / 0.97	008 - Rouge River, Lower Branch
8168	01/21/06	4:19 A	01/21/06	6:14 A	0.04 Million Gallons	0 / 0.04	012 - Rouge River, Lower Branch
8162	01/21/06	4:34 A	01/21/06	11:25 A	0.74 Million Gallons	0 / 0.74	007 - Rouge River, Lower Branch
8163	01/21/06	5:15 A	01/21/06	9:55 A	0.1 Million Gallons	0 / 0.1	004 - Rouge River, Lower Branch
8166	01/21/06	5:34 A	01/21/06	6:19 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
7731	01/29/06	7:15 A	01/29/06	3:04 P	0.27 Million Gallons	0 / 0.27	001 - Rouge River, Lower Branch
8176	01/29/06	7:30 A	01/29/06	2:34 P	0.1 Million Gallons	0 / 0.1	011 - Rouge River

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8178	01/29/06	7:45 A	01/29/06	2:34 P	1.6 Million Gallons	0 / 1.6	013 - Rouge River
8170	01/29/06	8:19 A	01/29/06	5:49 P	1.02 Million Gallons	0 / 1.02	003 - Rouge River, Lower Branch
8177	01/29/06	8:55 A	01/29/06	1:49 P	0.05 Million Gallons	0 / 0.05	012 - Rouge River, Lower Branch
8174	01/29/06	9:10 A	01/29/06	2:55 P	0.2 Million Gallons	0 / 0.2	009 - Rouge River, Lower Branch
8173	01/29/06	9:30 A	01/29/06	4:19 P	0.85 Million Gallons	0 / 0.85	008 - Rouge River, Lower Branch
8172	01/29/06	9:49 A	01/29/06	5:15 P	0.79 Million Gallons	0 / 0.79	007 - Rouge River, Lower Branch
8171	01/29/06	9:55 A	01/29/06	4:10 P	0.16 Million Gallons	0 / 0.16	004 - Rouge River, Lower Branch
8175	01/29/06	11:40 A	01/29/06	12:19 P	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
7884	02/03/06	4:19 A	02/05/06	2:30 A	0.67 Million Gallons	0 / 0.67	001 - Rouge River, Lower Branch
8187	02/03/06	4:40 A	02/05/06	5:04 A	5.62 Million Gallons	0 / 5.62	013 - Rouge River
8185	02/03/06	4:45 A	02/05/06	1:55 A	0.25 Million Gallons	0 / 0.25	011 - Rouge River
7885	02/03/06	5:40 A	02/05/06	8:00 A	2.94 Million Gallons	0 / 2.94	003 - Rouge River, Lower Branch
8183	02/03/06	7:25 A	02/05/06	5:15 A	0.79 Million Gallons	0 / 0.79	009 - Rouge River, Lower Branch
8182	02/03/06	7:45 A	02/05/06	4:30 A	2.95 Million Gallons	0 / 2.95	008 - Rouge River, Lower Branch

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8181	02/03/06	8:30 A	02/05/06	4:04 A	2.78 Million Gallons	0 / 2.78	007 - Rouge River, Lower Branch
8186	02/03/06	8:45 A	02/04/06	10:45 P	0.13 Million Gallons	0 / 0.13	012 - Rouge River, Lower Branch
8184	02/03/06	9:15 A	02/03/33	6:09 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
8180	02/04/06	3:40 P	02/05/06	1:25 A	0.5 Million Gallons	0 / 0.5	004 - Rouge River, Lower Branch
8188	02/04/06	6:40 P	02/05/06	2:04 A	0.75 Million Gallons	0 / 0.75	014 - Rouge River
7998	02/16/06	3:34 A	02/17/06	5:40 A	1.62 Million Gallons	0 / 1.62	001 - Rouge River, Lower Branch
8198	02/16/06	3:40 A	02/17/06	5:40 A	0.74 Million Gallons	0 / 0.74	011 - Rouge River
8201	02/16/06	3:45 A	02/17/06	4:30 A	9.46 Million Gallons	0 / 9.46	013 - Rouge River
8189	02/16/06	4:30 A	02/17/06	8:04 A	4.28 Million Gallons	0 / 4.28	003 - Rouge River, Lower Branch
8195	02/16/06	5:00 A	02/17/06	4:49 A	1.65 Million Gallons	0 / 1.65	009 - Rouge River, Lower Branch
8199	02/16/06	5:10 A	02/17/06	3:30 A	0.44 Million Gallons	0 / 0.44	012 - Rouge River, Lower Branch
8194	02/16/06	5:40 A	02/17/06	6:25 A	6.88 Million Gallons	0 / 6.88	008 - Rouge River, Lower Branch
8193	02/16/06	6:00 A	02/17/06	7:19 A	7.62 Million Gallons	0 / 7.62	007 - Rouge River, Lower Branch
8190	02/16/06	6:00 A	02/17/06	6:55 A	3.65 Million Gallons	0 / 3.65	004 - Rouge River, Lower Branch

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8200	02/17/06	12:25 A	02/17/06	3:04 A	0.14 Million Gallons	0 / 0.14	020 - Rouge River, Lower Branch
8197	02/17/06	12:49 A	02/17/06	3:55 A	0.1 Million Gallons	0 / 0.1	010 - Rouge River, Lower Branch
7999	02/17/06	1:04 A	02/17/06	3:19 A	0.13 Million Gallons	0 / 0.13	002 - Rouge River, Lower Branch
8192	02/17/06	1:34 A	02/17/06	4:30 A	0.17 Million Gallons	0 / 0.17	006 - Rouge River, Lower Branch
8202	02/17/06	1:34 A	02/17/06	5:40 A	9.68 Million Gallons	0 / 9.68	014 - Rouge River
8191	02/17/06	1:55 A	02/17/06	4:15 A	0.2 Million Gallons	0 / 0.2	005 - Rouge River, Lower Branch
8203	02/17/06	1:55 A	02/17/06	5:55 A	0.94 Million Gallons	0 / 0.94	015 - Rouge River
8205	02/17/06	2:15 A	02/17/06	4:30 A	12.36 Million Gallons	0 / 12.36	017 - Rouge River
8204	02/17/06	2:25 A	02/17/06	2:40 A	0.02 Million Gallons	0 / 0.02	016 - Rouge River
8064	03/09/06	2:34 A	03/10/06	10:04 A	0.38 Million Gallons	0 / 0.39	001 - Rouge River, Lower Branch
8211	03/09/06	2:55 A	03/10/06	9:04 A	0.15 Million Gallons	0 / 0.15	011 - Rouge River
8213	03/09/06	3:00 A	03/10/06	9:40 A	2.82 Million Gallons	0 / 2.82	013 - Rouge River
8065	03/09/06	3:55 A	03/10/06	12:40 P	1.56 Million Gallons	0 / 1.56	003 - Rouge River, Lower Branch
8209	03/09/06	9:34 P	03/10/06	9:55 A	0.3 Million Gallons	0 / 0.3	009 - Rouge River, Lower Branch

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8212	03/09/06	9:45 P	03/09/06	11:04 P	0.04 Million Gallons	0 / 0.04	012 - Rouge River, Lower Branch
8208	03/09/06	9:49 P	03/10/06	11:10 A	1.16 Million Gallons	0 / 1.16	008 - Rouge River, Lower Branch
8207	03/09/06	10:00 P	03/10/06	11:55 A	1.02 Million Gallons	0 / 1.02	007 - Rouge River, Lower Branch
8206	03/09/06	10:30 P	03/10/06	1:55 A	0.14 Million Gallons	0 / 0.14	004 - Rouge River, Lower Branch
8210	03/10/06	8:00 A	03/10/06	8:34 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
8224	03/12/06	3:49 A	03/12/06	5:40 A	0.04 Million Gallons	0 / 0.04	020 - Rouge River, Lower Branch
8222	03/12/06	3:55 A	03/13/06	3:40 P	0.45 Million Gallons	0 / 0.45	011 - Rouge River
8102	03/12/06	3:55 A	03/13/06	4:00 P	1.07 Million Gallons	0 / 1.07	001 - Rouge River, Lower Branch
8225	03/12/06	4:00 A	03/13/06	3:19 P	7.98 Million Gallons	0 / 7.98	013 - Rouge River
8215	03/12/06	4:19 A	03/13/06	6:34 P	3.83 Million Gallons	0 / 3.83	003 - Rouge River, Lower Branch
8221	03/12/06	4:19 A	03/13/06	11:34 A	0.02 Million Gallons	0 / 0.02	010 - Rouge River, Lower Branch
8223	03/12/06	4:19 A	03/13/06	2:30 P	0.41 Million Gallons	0 / 0.41	012 - Rouge River, Lower Branch
8220	03/12/06	4:25 A	03/13/06	3:55 P	1.4 Million Gallons	0 / 1.4	009 - Rouge River, Lower Branch
8103	03/12/06	4:30 A	03/12/06	6:00 A	0.03 Million Gallons	0 / 0.03	002 - Rouge River, Lower Branch

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8218	03/12/06	4:34 A	03/13/06	6:04 P	5.47 Million Gallons	0	5.47	007 - Rouge River, Lower Branch
8216	03/12/06	4:40 A	03/12/06	5:15 P	2.24 Million Gallons	0	2.24	004 - Rouge River, Lower Branch
8219	03/12/06	4:40 A	03/13/06	5:04 P	4.68 Million Gallons	0	4.68	008 - Rouge River, Lower Branch
8226	03/12/06	5:30 A	03/13/06	3:40 P	2.71 Million Gallons	0	2.71	014 - Rouge River
8217	03/12/06	2:04 P	03/13/06	3:00 P	0.01 Million Gallons	0	0.01	005 - Rouge River, Lower Branch
8227	03/13/06	9:45 A	03/13/06	2:40 P	0.1 Million Gallons	0	0.1	015 - Rouge River
8327	03/31/06	10:00 P	04/01/06	3:30 A	0.1 Million Gallons	0	0.1	011 - Rouge River
8329	03/31/06	10:00 P	03/31/06	10:45 P	0.01 Million Gallons	0	0.01	020 - Rouge River, Lower Branch
8246	03/31/06	10:00 P	04/01/06	3:49 A	0.25 Million Gallons	0	0.25	001 - Rouge River, Lower Branch
8330	03/31/06	10:00 P	04/01/06	3:19 A	2.43 Million Gallons	0	2.43	013 - Rouge River
8328	03/31/06	10:25 P	03/31/06	11:40 P	0.04 Million Gallons	0	0.04	012 - Rouge River, Lower Branch
8322	03/31/06	10:30 P	04/01/06	6:25 A	0.83 Million Gallons	0	0.83	003 - Rouge River, Lower Branch
8326	03/31/06	10:34 P	04/01/06	3:45 A	0.23 Million Gallons	0	0.23	009 - Rouge River, Lower Branch
8333	03/31/06	10:55 P	04/01/06	1:10 A	8.53 Million Gallons	0	8.53	017 - Rouge River

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8332	03/31/06	10:55 P	04/01/06	2:45 A	0.59 Million Gallons	0 / 0.59	015 - Rouge River
8323	03/31/06	11:00 P	04/01/06	4:30 A	0.32 Million Gallons	0 / 0.32	004 - Rouge River, Lower Branch
8331	03/31/06	11:00 P	04/01/06	3:15 A	2.85 Million Gallons	0 / 2.85	014 - Rouge River
8324	03/31/06	11:10 P	04/01/06	5:49 A	0.6 Million Gallons	0 / 0.6	007 - Rouge River, Lower Branch
8325	03/31/06	11:15 P	04/01/06	4:55 A	0.61 Million Gallons	0 / 0.61	008 - Rouge River, Lower Branch
8334	04/03/06	3:25 P	04/03/06	4:55 P	0.02 Million Gallons	0 / 0.02	001 - Rouge River, Lower Branch
8274	04/07/06	7:19 A	04/07/06	3:04 P	0.46 Million Gallons	0 / 0.46	001 - Rouge River, Lower Branch
8341	04/07/06	7:34 A	04/07/06	2:40 P	0.19 Million Gallons	0 / 0.19	011 - Rouge River
8344	04/07/06	7:34 A	04/07/06	2:30 P	4.21 Million Gallons	0 / 4.21	013 - Rouge River
8335	04/07/06	8:19 A	04/07/06	5:40 P	1.82 Million Gallons	0 / 1.82	003 - Rouge River, Lower Branch
8342	04/07/06	8:45 A	04/07/06	1:30 P	0.22 Million Gallons	0 / 0.22	012 - Rouge River, Lower Branch
8339	04/07/06	8:55 A	04/07/06	3:00 P	0.68 Million Gallons	0 / 0.68	009 - Rouge River, Lower Branch
8338	04/07/06	9:19 A	04/07/06	4:10 P	2.09 Million Gallons	0 / 2.09	008 - Rouge River, Lower Branch
8337	04/07/06	9:25 A	04/07/06	5:04 P	2.4 Million Gallons	0 / 2.4	007 - Rouge River, Lower Branch

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8336	04/07/06	9:30 A	04/07/06	4:10 P	0.98 Million Gallons	0	/ 0.98	004 - Rouge River, Lower Branch
8343	04/07/06	10:40 A	04/07/06	11:34 A	0.01 Million Gallons	0	/ 0.01	020 - Rouge River, Lower Branch
8340	04/07/06	10:49 A	04/07/06	12:10 P	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
8345	04/07/06	10:55 A	04/07/06	2:55 P	2.03 Million Gallons	0	/ 2.03	014 - Rouge River
8346	04/07/06	11:45 A	04/07/06	2:49 P	0.1 Million Gallons	0	/ 0.1	015 - Rouge River
8347	04/12/06	8:34 A	04/12/06	11:34 A	0.09 Million Gallons	0	/ 0.09	001 - Rouge River, Lower Branch
8349	04/12/06	8:49 A	04/12/06	11:19 A	0.03 Million Gallons	0	/ 0.03	011 - Rouge River
8350	04/12/06	8:55 A	04/12/06	7:10 P	0.53 Million Gallons	0	/ 0.53	013 - Rouge River
8348	04/12/06	9:40 A	04/12/06	2:15 P	0.2 Million Gallons	0	/ 0.2	003 - Rouge River, Lower Branch
8283	04/21/06	10:45 P	04/22/06	9:30 P	0.37 Million Gallons	0	/ 0.37	001 - Rouge River, Lower Branch
8358	04/21/06	10:49 P	04/22/06	8:49 P	0.14 Million Gallons	0	/ 0.14	011 - Rouge River
8360	04/21/06	10:55 P	04/21/06	11:40 P	0.01 Million Gallons	0	/ 0.01	020 - Rouge River, Lower Branch
8361	04/21/06	11:00 P	04/22/06	9:19 P	2.91 Million Gallons	0	/ 2.91	013 - Rouge River
8359	04/21/06	11:19 P	04/22/06	4:30 A	0.11 Million Gallons	0	/ 0.11	012 - Rouge River, Lower Branch

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8351	04/21/06	11:19 P	04/23/06	12:10 A	1.39 Million Gallons	0	/ 1.39	003 - Rouge River, Lower Branch
8355	04/21/06	11:30 P	04/22/06	5:49 A	0.39 Million Gallons	0	/ 0.39	009 - Rouge River, Lower Branch
8352	04/22/06	12:01 A	04/22/06	7:19 A	0.5 Million Gallons	0	/ 0.5	004 - Rouge River, Lower Branch
8354	04/22/06	12:10 A	04/22/06	7:10 A	1.14 Million Gallons	0	/ 1.14	008 - Rouge River, Lower Branch
8353	04/22/06	12:10 A	04/22/06	8:04 A	1.23 Million Gallons	0	/ 1.23	007 - Rouge River, Lower Branch
8356	04/22/06	3:40 A	04/22/06	4:34 A	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
8362	04/22/06	3:49 A	04/22/06	5:55 A	0.29 Million Gallons	0	/ 0.29	014 - Rouge River
8385	05/02/06	3:40 P	05/02/06	11:04 P	0.48 Million Gallons	0	/ 0.48	001 - Rouge River, Lower Branch
8396	05/02/06	3:55 P	05/02/06	10:19 P	3.65 Million Gallons	0	/ 3.65	013 - Rouge River
8386	05/02/06	4:30 P	05/03/06	1:40 A	1.9 Million Gallons	0	/ 1.9	003 - Rouge River, Lower Branch
8393	05/02/06	4:40 P	05/02/06	10:45 P	0.18 Million Gallons	0	/ 0.18	011 - Rouge River
8394	05/02/06	4:55 P	05/02/06	9:25 P	0.25 Million Gallons	0	/ 0.25	012 - Rouge River, Lower Branch
8390	05/02/06	5:10 P	05/02/06	10:45 P	0.69 Million Gallons	0	/ 0.69	009 - Rouge River, Lower Branch
8389	05/02/06	5:40 P	05/03/06	12:04 A	2.15 Million Gallons	0	/ 2.15	008 - Rouge River, Lower Branch

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8387	05/02/06	5:49 P	05/03/06	12:19 A	1.09 Million Gallons	0 / 1.09	004 - Rouge River, Lower Branch
8388	05/02/06	6:04 P	05/03/06	1:04 A	2.55 Million Gallons	0 / 2.55	007 - Rouge River, Lower Branch
8395	05/02/06	6:40 P	05/02/06	8:15 P	0.02 Million Gallons	0 / 0.02	020 - Rouge River, Lower Branch
8392	05/02/06	7:15 P	05/02/06	9:19 P	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
8397	05/02/06	8:15 P	05/02/06	10:40 P	0.47 Million Gallons	0 / 0.47	014 - Rouge River
8411	05/10/06	1:25 A	05/11/06	10:45 A	9.33 Million Gallons	0 / 9.33	014 - Rouge River
8398	05/10/06	1:45 A	05/11/06	6:00 A	0.06 Million Gallons	0 / 0.06	002 - Rouge River, Lower Branch
8371	05/10/06	11:00 P	05/11/06	8:55 P	0.97 Million Gallons	0 / 0.97	001 - Rouge River, Lower Branch
8410	05/10/06	11:04 P	05/11/06	8:30 P	9.67 Million Gallons	0 / 9.67	013 - Rouge River
8407	05/10/06	11:04 P	05/11/06	7:55 A	0.42 Million Gallons	0 / 0.42	011 - Rouge River
8409	05/10/06	11:10 P	05/11/06	5:40 A	0.08 Million Gallons	0 / 0.08	020 - Rouge River, Lower Branch
8399	05/10/06	11:34 P	05/11/06	11:34 P	4.18 Million Gallons	0 / 4.18	003 - Rouge River, Lower Branch
8408	05/10/06	11:40 P	05/11/06	6:19 A	0.66 Million Gallons	0 / 0.66	012 - Rouge River, Lower Branch
8405	05/11/06	12:01 A	05/11/06	7:40 A	1.68 Million Gallons	0 / 1.68	009 - Rouge River, Lower Branch

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EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8400	05/11/06	12:25 A	05/11/06	9:25 A	3.26 Million Gallons	0 / 3.26	004 - Rouge River, Lower Branch
8404	05/11/06	12:40 A	05/11/06	9:19 A	4.83 Million Gallons	0 / 4.83	008 - Rouge River, Lower Branch
8403	05/11/06	12:40 A	05/11/06	9:55 A	6.49 Million Gallons	0 / 6.49	007 - Rouge River, Lower Branch
8406	05/11/06	1:10 A	05/11/06	6:00 A	0.04 Million Gallons	0 / 0.04	010 - Rouge River, Lower Branch
8412	05/11/06	2:04 A	05/11/06	12:10 P	0.98 Million Gallons	0 / 0.98	015 - Rouge River
8413	05/11/06	2:30 A	05/11/06	10:40 A	19.64 Million Gallons	0 / 19.64	017 - Rouge River
8402	05/11/06	2:55 A	05/11/06	6:55 A	0.08 Million Gallons	0 / 0.08	006 - Rouge River, Lower Branch
8401	05/11/06	3:15 A	05/11/06	7:00 A	0.32 Million Gallons	0 / 0.32	005 - Rouge River, Lower Branch
8414	05/13/06	8:45 P	05/14/06	2:55 A	0.12 Million Gallons	0 / 0.12	001 - Rouge River, Lower Branch
8497	05/13/06	9:00 P	05/14/06	2:25 A	0.76 Million Gallons	0 / 0.76	013 - Rouge River
8496	05/13/06	9:45 P	05/14/06	5:30 A	0.37 Million Gallons	0 / 0.37	003 - Rouge River, Lower Branch
8445	05/16/06	12:55 A	05/16/06	7:15 A	0.22 Million Gallons	0 / 0.22	001 - Rouge River, Lower Branch
8506	05/16/06	1:10 A	05/16/06	7:25 A	1.76 Million Gallons	0 / 1.76	013 - Rouge River
8578	05/16/06	1:25 A	05/16/06	6:40 A	0.08 Million Gallons	0 / 0.08	011 - Rouge River

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8499	05/16/06	2:04 A	05/16/06	10:00 A	0.79 Million Gallons	0	/ 0.79	003 - Rouge River, Lower Branch
8505	05/16/06	2:49 A	05/16/06	4:04 A	0.03 Million Gallons	0	/ 0.03	012 - Rouge River, Lower Branch
8503	05/16/06	2:55 A	05/16/06	7:10 A	0.13 Million Gallons	0	/ 0.13	009 - Rouge River, Lower Branch
8502	05/16/06	3:15 A	05/16/06	8:34 A	0.59 Million Gallons	0	/ 0.59	008 - Rouge River, Lower Branch
8501	05/16/06	3:30 A	05/16/06	9:15 A	0.38 Million Gallons	0	/ 0.38	007 - Rouge River, Lower Branch
8500	05/16/06	3:40 A	05/16/06	7:45 A	0.12 Million Gallons	0	/ 0.12	004 - Rouge River, Lower Branch
8504	05/16/06	6:25 A	05/16/06	6:34 A	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
8518	05/18/06	3:34 A	05/18/06	5:25 A	0.06 Million Gallons	0	/ 0.06	020 - Rouge River, Lower Branch
8443	05/18/06	3:40 A	05/18/06	9:04 A	0.49 Million Gallons	0	/ 0.49	001 - Rouge River, Lower Branch
8516	05/18/06	3:45 A	05/18/06	8:49 A	0.21 Million Gallons	0	/ 0.21	011 - Rouge River
8519	05/18/06	3:49 A	05/18/06	9:00 A	4.03 Million Gallons	0	/ 4.03	013 - Rouge River
8513	05/18/06	4:04 A	05/18/06	8:49 A	0.66 Million Gallons	0	/ 0.66	009 - Rouge River, Lower Branch
8507	05/18/06	4:04 A	05/18/06	11:40 A	1.71 Million Gallons	0	/ 1.71	003 - Rouge River, Lower Branch
8517	05/18/06	4:04 A	05/18/06	6:15 A	0.22 Million Gallons	0	/ 0.22	012 - Rouge River, Lower Branch

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8579	05/18/06	4:10 A	05/18/06	5:40 A	0.04 Million Gallons	0	/ 0.04	002 - Rouge River, Lower Branch
8515	05/18/06	4:10 A	05/18/06	5:19 A	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
8508	05/18/06	4:19 A	05/18/06	9:30 A	1.45 Million Gallons	0	/ 1.45	004 - Rouge River, Lower Branch
8512	05/18/06	4:19 A	05/18/06	10:15 A	2.03 Million Gallons	0	/ 2.03	008 - Rouge River, Lower Branch
8510	05/18/06	4:19 A	05/18/06	10:49 A	2.42 Million Gallons	0	/ 2.42	007 - Rouge River, Lower Branch
8520	05/18/06	4:55 A	05/18/06	8:34 A	1.95 Million Gallons	0	/ 1.95	014 - Rouge River
8509	05/18/06	5:10 A	05/18/06	6:34 A	0.01 Million Gallons	0	/ 0.01	006 - Rouge River, Lower Branch
8521	05/18/06	5:25 A	05/18/06	10:00 A	0.14 Million Gallons	0	/ 0.14	015 - Rouge River
8522	05/18/06	6:15 A	05/18/06	7:30 A	0.11 Million Gallons	0	/ 0.11	017 - Rouge River
8580	05/21/06	5:45 A	05/21/06	8:25 A	0.05 Million Gallons	0	/ 0.05	001 - Rouge River, Lower Branch
8582	05/21/06	6:04 A	05/21/06	8:00 A	0.07 Million Gallons	0	/ 0.07	013 - Rouge River
8581	05/21/06	6:19 A	05/21/06	8:00 A	0.01 Million Gallons	0	/ 0.01	011 - Rouge River
8442	05/25/06	10:30 P	05/26/06	8:25 P	0.19 Million Gallons	0	/ 0.19	001 - Rouge River, Lower Branch
8587	05/25/06	10:45 P	05/26/06	8:04 P	0.06 Million Gallons	0	/ 0.06	011 - Rouge River

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8589	05/25/06	10:49 P	05/26/06	8:04 P	0.96 Million Gallons	0	/ 0.96	013 - Rouge River
8583	05/25/06	11:19 P	05/26/06	11:04 P	0.61 Million Gallons	0	/ 0.61	003 - Rouge River, Lower Branch
8588	05/25/06	11:34 P	05/26/06	12:25 A	0.01 Million Gallons	0	/ 0.01	012 - Rouge River, Lower Branch
8586	05/25/06	11:55 P	05/26/06	1:34 A	0.03 Million Gallons	0	/ 0.03	009 - Rouge River, Lower Branch
8584	05/26/06	12:40 A	05/26/06	3:10 A	0.03 Million Gallons	0	/ 0.03	004 - Rouge River, Lower Branch
8585	05/26/06	12:40 A	05/26/06	2:55 A	0.05 Million Gallons	0	/ 0.05	008 - Rouge River, Lower Branch
8635	06/03/06	8:15 P	06/04/06	12:19 A	0.14 Million Gallons	0	/ 0.14	001 - Rouge River, Lower Branch
8640	06/03/06	8:25 P	06/03/06	11:45 P	0.86 Million Gallons	0	/ 0.86	013 - Rouge River
8639	06/03/06	8:25 P	06/04/06	12:10 A	0.05 Million Gallons	0	/ 0.05	011 - Rouge River
8636	06/03/06	9:19 P	06/04/06	3:00 A	0.39 Million Gallons	0	/ 0.39	003 - Rouge River, Lower Branch
8638	06/03/06	11:00 P	06/03/06	11:55 P	0.01 Million Gallons	0	/ 0.01	009 - Rouge River, Lower Branch
8637	06/03/06	11:04 P	06/04/06	1:25 A	0.07 Million Gallons	0	/ 0.07	008 - Rouge River, Lower Branch
8676	06/18/06	9:25 P	06/18/06	11:30 P	0.05 Million Gallons	0	/ 0.05	001 - Rouge River, Lower Branch
8677	06/18/06	9:34 P	06/18/06	11:00 P	0.01 Million Gallons	0	/ 0.01	011 - Rouge River

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8678	06/18/06	9:49 P	06/18/06	11:15 P	0.05 Million Gallons	0 / 0.05	013 - Rouge River
8682	06/21/06	9:24 A	06/22/06	5:15 A	0.51 Million Gallons	0 / 0.51	001 - Rouge River, Lower Branch
8759	06/21/06	10:04 A	06/22/06	4:34 A	4.41 Million Gallons	0 / 4.41	013 - Rouge River
8756	06/21/06	10:30 A	06/22/06	4:55 A	0.19 Million Gallons	0 / 0.19	011 - Rouge River
8750	06/21/06	11:34 A	06/22/06	7:55 A	2.11 Million Gallons	0 / 2.11	003 - Rouge River, Lower Branch
8753	06/21/06	2:04 P	06/22/06	6:19 A	2.12 Million Gallons	0 / 2.12	008 - Rouge River, Lower Branch
8754	06/21/06	2:15 P	06/22/06	5:00 A	0.55 Million Gallons	0 / 0.55	009 - Rouge River, Lower Branch
8752	06/21/06	2:34 P	06/22/06	7:15 A	2.3 Million Gallons	0 / 2.3	007 - Rouge River, Lower Branch
8757	06/21/06	2:34 P	06/22/06	3:49 A	0.15 Million Gallons	0 / 0.15	012 - Rouge River, Lower Branch
8755	06/21/06	2:55 P	06/22/06	2:25 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
8751	06/21/06	3:49 P	06/22/06	6:30 A	0.72 Million Gallons	0 / 0.72	004 - Rouge River, Lower Branch
8686	06/22/06	12:01 A			Unspecified	Unspecified / Unspecified	001 - Rouge River, Lower Branch
8758	06/22/06	12:45 A	06/22/06	1:55 A	0.02 Million Gallons	0 / 0.02	020 - Rouge River, Lower Branch
8761	06/22/06	1:40 A	06/22/06	4:55 A	0.21 Million Gallons	0 / 0.21	015 - Rouge River

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8760	06/22/06	1:40 A	06/22/06	5:10 A	1.74 Million Gallons	0 / 1.74	014 - Rouge River
8749	06/22/06	1:45 A	06/22/06	2:15 A	0.01 Million Gallons	0 / 0.01	002 - Rouge River, Lower Branch
8794	07/10/06	7:15 A	07/10/06	10:19 A	0.12 Million Gallons	0 / 0.12	001 - Rouge River, Lower Branch
9029	07/10/06	7:19 A	07/10/06	10:10 A	0.04 Million Gallons	0 / 0.04	011 - Rouge River
9030	07/10/06	7:19 A	07/10/06	9:40 A	0.83 Million Gallons	0 / 0.83	013 - Rouge River
9025	07/10/06	7:55 A	07/10/06	1:00 P	0.32 Million Gallons	0 / 0.32	003 - Rouge River, Lower Branch
9039	07/11/06	7:15 P	07/12/06	7:10 A	11.77 Million Gallons	0 / 11.77	013 - Rouge River
8811	07/11/06	7:15 P	07/12/06	8:30 A	2.11 Million Gallons	0 / 2.11	001 - Rouge River, Lower Branch
9036	07/11/06	7:25 P	07/12/06	8:19 A	1 Million Gallons	0 / 1	011 - Rouge River
9026	07/11/06	7:49 P	07/12/06	10:49 A	5.9 Million Gallons	0 / 5.9	003 - Rouge River, Lower Branch
9038	07/12/06	12:01 A	07/12/06	5:40 A	0.22 Million Gallons	0 / 0.22	020 - Rouge River, Lower Branch
9034	07/12/06	12:10 A	07/12/06	7:40 A	2.44 Million Gallons	0 / 2.44	009 - Rouge River, Lower Branch
9037	07/12/06	12:15 A	07/12/06	6:04 A	0.84 Million Gallons	0 / 0.84	012 - Rouge River, Lower Branch
9032	07/12/06	12:25 A	07/12/06	9:55 A	11.13 Million Gallons	0 / 11.13	007 - Rouge River, Lower Branch

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9033	07/12/06	12:25 A	07/12/06	9:10 A	9.9 Million Gallons	0 / 9.9	008 - Rouge River, Lower Branch
9035	07/12/06	12:45 A	07/12/06	6:34 A	0.15 Million Gallons	0 / 0.15	010 - Rouge River, Lower Branch
9027	07/12/06	12:45 A	07/12/06	9:25 A	5.21 Million Gallons	0 / 5.21	004 - Rouge River, Lower Branch
8812	07/12/06	1:15 A	07/12/06	5:45 A	0.2 Million Gallons	0 / 0.2	002 - Rouge River, Lower Branch
9040	07/12/06	3:00 A	07/12/06	7:55 A	9.96 Million Gallons	0 / 9.96	014 - Rouge River
9028	07/12/06	3:49 A	07/12/06	6:49 A	0.54 Million Gallons	0 / 0.54	005 - Rouge River, Lower Branch
9031	07/12/06	3:55 A	07/12/06	7:04 A	0.33 Million Gallons	0 / 0.33	006 - Rouge River, Lower Branch
9041	07/12/06	4:40 A	07/12/06	7:15 A	0.11 Million Gallons	0 / 0.11	015 - Rouge River
8820	07/14/06	8:04 P	07/14/06	11:10 P	0.06 Million Gallons	0 / 0.06	001 - Rouge River, Lower Branch
9044	07/14/06	8:25 P	07/14/05	10:40 P	0.11 Million Gallons	0 / 0.11	013 - Rouge River
9043	07/14/06	8:34 P	07/14/06	10:30 P	0.01 Million Gallons	0 / 0.01	011 - Rouge River
9042	07/14/06	10:34 P	07/15/06	1:40 A	0.03 Million Gallons	0 / 0.03	003 - Rouge River, Lower Branch
8825	07/18/06	2:04 A	07/18/06	8:55 A	0.31 Million Gallons	0 / 0.31	001 - Rouge River, Lower Branch
9058	07/18/06	2:15 A	07/18/06	8:34 A	0.12 Million Gallons	0 / 0.12	011 - Rouge River

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9061	07/18/06	2:15 A	07/18/06	8:15 A	2.4 Million Gallons	0 / 2.4	013 - Rouge River
9051	07/18/06	2:45 A	07/08/06	11:34 A	1.2 Million Gallons	0 / 1.2	003 - Rouge River, Lower Branch
9059	07/18/06	5:15 A	07/18/06	7:25 A	0.12 Million Gallons	0 / 0.12	012 - Rouge River, Lower Branch
9056	07/18/06	5:15 A	07/18/06	8:34 A	0.33 Million Gallons	0 / 0.33	009 - Rouge River, Lower Branch
9055	07/18/06	5:30 A	07/18/06	10:10 A	1.13 Million Gallons	0 / 1.13	008 - Rouge River, Lower Branch
9053	07/18/06	5:40 A	07/18/06	10:55 A	1.18 Million Gallons	0 / 1.18	007 - Rouge River, Lower Branch
9060	07/18/06	5:45 A	07/18/06	6:25 A	0.01 Million Gallons	0 / 0.01	020 - Rouge River, Lower Branch
9052	07/18/06	5:49 A	07/18/06	10:19 A	0.48 Million Gallons	0 / 0.48	004 - Rouge River, Lower Branch
9057	07/18/06	6:19 A	07/18/06	7:30 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
8882	07/26/06	7:34 P	07/28/06	5:45 A	4.38 Million Gallons	0 / 4.38	001 - Rouge River, Lower Branch
9076	07/26/06	7:34 P	07/28/06	5:10 A	28.23 Million Gallons	0 / 28.23	013 - Rouge River
9073	07/26/06	7:49 P	07/28/06	5:19 A	2 Million Gallons	0 / 2	011 - Rouge River
8886	07/26/06	8:40 P	07/28/06	8:25 A	10.19 Million Gallons	0 / 10.19	003 - Rouge River, Lower Branch
9074	07/26/06	8:45 P	07/28/06	4:15 A	1.37 Million Gallons	0 / 1.37	012 - Rouge River, Lower Branch

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9075	07/26/06	8:45 P	07/27/06	9:40 P	0.46 Million Gallons	0	/ 0.46	020 - Rouge River, Lower Branch
9068	07/26/06	8:45 P	07/28/06	5:34 A	4.46 Million Gallons	0	/ 4.46	009 - Rouge River, Lower Branch
9069	07/26/06	8:49 P	07/27/06	10:04 P	0.32 Million Gallons	0	/ 0.32	010 - Rouge River, Lower Branch
9066	07/26/06	8:55 P	07/28/06	7:49 A	20.61 Million Gallons	0	/ 20.61	007 - Rouge River, Lower Branch
8884	07/26/06	8:55 P	07/27/06	9:55 P	0.44 Million Gallons	0	/ 0.44	002 - Rouge River, Lower Branch
9067	07/26/06	9:00 P	07/28/06	6:55 A	20.39 Million Gallons	0	/ 20.39	008 - Rouge River, Lower Branch
9063	07/26/06	9:04 P	07/26/06	7:00 A	9.55 Million Gallons	0	/ 9.55	004 - Rouge River, Lower Branch
9080	07/26/06	9:04 P	07/27/06	11:04 P	105.72 Million Gallons	0	/ 105.7	017 - Rouge River
9078	07/26/06	9:04 P	07/28/06	5:15 A	7.08 Million Gallons	0	/ 7.08	015 - Rouge River
9077	07/26/06	9:04 P	07/28/06	5:34 A	47.83 Million Gallons	0	/ 47.83	014 - Rouge River
9079	07/26/06	9:15 P	07/27/06	9:19 P	18.41 Million Gallons	0	/ 18.41	016 - Rouge River
9065	07/26/06	9:25 P	07/27/06	10:55 P	0.71 Million Gallons	0	/ 0.71	006 - Rouge River, Lower Branch
9064	07/26/06	9:34 P	07/28/06	4:55 A	1.69 Million Gallons	0	/ 1.69	005 - Rouge River, Lower Branch
9082	08/02/06	5:49 P	08/03/06	12:19 A	1.09 Million Gallons	0	/ 1.09	004 - Rouge River, Lower Branch

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8923	08/03/06	12:55 P	08/03/06	6:30 P	0.22 Million Gallons	0	/ 0.22	001 - Rouge River, Lower Branch
9091	08/03/06	12:55 P	08/03/06	6:10 P	1.83 Million Gallons	0	/ 1.83	013 - Rouge River
9088	08/03/06	1:00 P	08/03/06	1:45 P	0.01 Million Gallons	0	/ 0.01	020 - Rouge River, Lower Branch
9086	08/03/06	1:00 P	08/03/06	6:10 P	0.08 Million Gallons	0	/ 0.08	011 - Rouge River
9081	08/03/06	1:25 P	08/03/06	10:25 P	0.77 Million Gallons	0	/ 0.77	003 - Rouge River, Lower Branch
9087	08/03/06	1:25 P	08/03/06	3:00 P	0.06 Million Gallons	0	/ 0.06	012 - Rouge River, Lower Branch
9085	08/03/06	1:45 P	08/03/06	6:04 P	0.04 Million Gallons	0	/ 0.04	009 - Rouge River, Lower Branch
9084	08/03/06	2:19 P	08/03/06	7:25 P	0.39 Million Gallons	0	/ 0.39	008 - Rouge River, Lower Branch
9083	08/03/06	2:19 P	08/03/06	8:01 P	0.37 Million Gallons	0	/ 0.37	007 - Rouge River, Lower Branch
9093	08/19/06	10:15 A	08/19/06	12:34 P	0.07 Million Gallons	0	/ 0.07	001 - Rouge River, Lower Branch
9097	08/19/06	10:19 A	08/19/06	12:00 P	0.3 Million Gallons	0	/ 0.3	013 - Rouge River
9096	08/19/06	10:25 A	08/19/06	12:19 P	0.02 Million Gallons	0	/ 0.02	011 - Rouge River
9094	08/19/06	11:30 A	08/19/06	3:15 P	0.07 Million Gallons	0	/ 0.07	003 - Rouge River, Lower Branch
9003	08/27/06	12:04 P	08/27/06	2:30 P	0.04 Million Gallons	0	/ 0.04	001 - Rouge River, Lower Branch

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9100	08/27/06	12:25 P	08/27/06	6:40 P	0.1 Million Gallons	0 / 0.1	013 - Rouge River
9099	08/27/06	12:34 P	08/27/06	2:00 P	0.01 Million Gallons	0 / 0.01	011 - Rouge River
9098	08/27/06	7:40 P	08/27/06	9:04 P	0.01 Million Gallons	0 / 0.01	003 - Rouge River, Lower Branch
9101	08/28/06	10:10 P	08/29/06	3:55 A	0.69 Million Gallons	0 / 0.69	001 - Rouge River, Lower Branch
9113	08/28/06	10:25 P	08/29/06	1:19 A	0.08 Million Gallons	0 / 0.08	020 - Rouge River, Lower Branch
9111	08/28/06	10:25 P	08/29/06	3:40 A	0.29 Million Gallons	0 / 0.29	011 - Rouge River
9114	08/28/06	10:30 P	08/29/06	3:15 A	5.96 Million Gallons	0 / 5.96	013 - Rouge River
9103	08/28/06	10:40 P	08/29/06	10:00 A	2.8 Million Gallons	0 / 2.8	003 - Rouge River, Lower Branch
9112	08/28/06	10:45 P	08/29/06	2:15 A	0.44 Million Gallons	0 / 0.44	012 - Rouge River, Lower Branch
9109	08/28/06	10:56 P	08/29/06	3:34 A	1.07 Million Gallons	0 / 1.07	009 - Rouge River, Lower Branch
9110	08/28/06	11:04 P	08/29/06	2:34 A	0.03 Million Gallons	0 / 0.03	010 - Rouge River, Lower Branch
9107	08/28/06	11:10 P	08/29/06	5:55 A	4.22 Million Gallons	0 / 4.22	007 - Rouge River, Lower Branch
9104	08/28/06	11:15 P	08/29/06	5:10 A	2.37 Million Gallons	0 / 2.37	004 - Rouge River, Lower Branch
9108	08/28/06	11:15 P	08/29/06	5:00 A	3.1 Million Gallons	0 / 3.1	008 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

<i>EventID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Treated vs. Untreated (MG)</i>	<i>Point(s) of Discharge</i>
9102	08/28/06	11:15 P	08/29/06	1:30 A	0.07 Million Gallons	0 / 0.07	002 - Rouge River, Lower Branch
9115	08/29/06	12:01 A	08/29/06	3:49 A	3.62 Million Gallons	0 / 3.62	014 - Rouge River
9106	08/29/06	12:10 A	08/29/06	2:34 A	0.04 Million Gallons	0 / 0.04	006 - Rouge River, Lower Branch
9105	08/29/06	12:30 A	08/29/06	2:55 A	0.1 Million Gallons	0 / 0.1	005 - Rouge River, Lower Branch
9116	08/29/06	1:45 A	08/29/06	3:55 A	0.05 Million Gallons	0 / 0.05	015 - Rouge River
9121	09/05/06	11:24 P	09/06/06	9:19 P	0.12 Million Gallons	0 / 0.12	015 - Rouge River
9119	09/06/06	7:34 P	09/06/06	9:55 P	0.04 Million Gallons	0 / 0.04	001 - Rouge River, Lower Branch
9120	09/06/06	8:04 P	09/06/06	9:30 P	0.01 Million Gallons	0 / 0.01	011 - Rouge River
9139	09/12/06	9:34 A	09/13/06	9:34 P	0.63 Million Gallons	0 / 0.63	001 - Rouge River, Lower Branch
9346	09/12/06	10:00 A	09/13/06	9:15 P	0.22 Million Gallons	0 / 0.22	011 - Rouge River
9349	09/12/06	10:04 A	09/13/06	8:49 P	3.93 Million Gallons	0 / 3.93	013 - Rouge River
9348	09/12/06	7:55 P	09/13/06	5:45 P	0.02 Million Gallons	0 / 0.02	020 - Rouge River, Lower Branch
9140	09/12/06	8:04 P	09/14/06	12:15 A	2.64 Million Gallons	0 / 2.64	003 - Rouge River, Lower Branch
9347	09/12/06	8:15 P	09/13/06	8:04 P	0.23 Million Gallons	0 / 0.23	012 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9344	09/12/06	8:25 P	09/13/06	9:15 P	0.67 Million Gallons	0	/ 0.67	009 - Rouge River, Lower Branch
9342	09/12/06	8:40 P	09/13/06	11:34 P	2.88 Million Gallons	0	/ 2.88	007 - Rouge River, Lower Branch
9343	09/12/06	8:45 P	09/13/06	10:45 P	2.44 Million Gallons	0	/ 2.44	008 - Rouge River, Lower Branch
9341	09/12/06	8:49 P	09/13/06	10:55 P	0.97 Million Gallons	0	/ 0.97	004 - Rouge River, Lower Branch
9345	09/13/06	12:10 A	09/13/06	1:04 A	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
9150	09/18/06	2:19 P	09/18/06	10:25 P	0.29 Million Gallons	0	/ 0.25	001 - Rouge River, Lower Branch
9358	09/18/06	2:30 P	09/18/06	9:34 P	0.11 Million Gallons	0	/ 0.11	011 - Rouge River
9363	09/18/06	2:40 P	09/18/06	10:04 P	1.83 Million Gallons	0	/ 1.83	013 - Rouge River
9361	09/18/06	2:45 P	09/18/06	3:40 P	0.01 Million Gallons	0	/ 0.01	020 - Rouge River, Lower Branch
9351	09/18/06	3:00 P	09/19/06	1:04 A	1.07 Million Gallons	0	/ 1.07	003 - Rouge River, Lower Branch
9360	09/18/06	3:04 P	09/18/06	4:55 P	0.08 Million Gallons	0	/ 0.08	012 - Rouge River, Lower Branch
9355	09/18/06	3:19 P	09/18/06	10:15 P	0.24 Million Gallons	0	/ 0.24	009 - Rouge River, Lower Branch
9352	09/18/06	3:40 P	09/18/06	8:55 P	0.38 Million Gallons	0	/ 0.38	004 - Rouge River, Lower Branch
9353	09/18/06	3:45 P	09/19/06	12:19 A	0.86 Million Gallons	0	/ 0.86	007 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9354	09/18/06	3:49 P	09/18/06	11:30 P	0.82 Million Gallons	0	/ 0.82	008 - Rouge River, Lower Branch
9357	09/18/06	7:34 P	09/18/06	8:04 P	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
9364	09/23/06	3:00 A	09/23/06	4:30 A	0.01 Million Gallons	0	/ 0.01	001 - Rouge River, Lower Branch
9365	09/30/06	10:34 A	09/30/06	5:40 P	0.04 Million Gallons	0	/ 0.04	001 - Rouge River, Lower Branch
9368	09/30/06	3:49 P	09/30/06	10:25 P	0.06 Million Gallons	0	/ 0.06	013 - Rouge River
9367	09/30/06	4:00 P	09/30/06	5:19 P	0.01 Million Gallons	0	/ 0.01	011 - Rouge River
9366	09/30/06	4:45 P	09/30/06	11:30 P	0.06 Million Gallons	0	/ 0.06	003 - Rouge River, Lower Branch
9218	10/02/06	1:00 P	10/03/06	12:19 P	0.21 Million Gallons	0	/ 0.21	001 - Rouge River, Lower Branch
9374	10/02/06	1:10 P	10/03/06	11:49 A	0.06 Million Gallons	0	/ 0.06	011 - Rouge River
9376	10/02/06	1:15 P	10/03/06	11:49 A	1 Million Gallons	0	/ 1	013 - Rouge River
9370	10/02/06	1:34 P	10/03/06	3:00 P	0.65 Million Gallons	0	/ 0.65	003 - Rouge River, Lower Branch
9375	10/02/06	2:04 P	10/02/06	2:40 P	0.01 Million Gallons	0	/ 0.01	012 - Rouge River, Lower Branch
9373	10/02/06	2:34 P	10/02/06	3:45 P	0.01 Million Gallons	0	/ 0.01	009 - Rouge River, Lower Branch
9372	10/02/06	3:40 P	10/02/06	4:49 P	0.01 Million Gallons	0	/ 0.01	008 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9371	10/02/06	3:45 P	10/02/06	4:30 P	0.01 Million Gallons	0 / 0.01	004 - Rouge River, Lower Branch
9240	10/11/06	3:40 A	10/11/06	10:10 P	0.7 Million Gallons	0 / 0.7	001 - Rouge River, Lower Branch
9391	10/11/06	3:45 A	10/11/06	9:55 P	0.28 Million Gallons	0 / 0.28	011 - Rouge River
9394	10/11/06	3:49 A	10/11/06	9:34 P	5.88 Million Gallons	0 / 5.88	013 - Rouge River
9393	10/11/06	4:00 A	10/11/06	7:40 P	0.02 Million Gallons	0 / 0.02	020 - Rouge River, Lower Branch
9385	10/11/06	4:19 A	10/12/06	12:49 A	3.03 Million Gallons	0 / 3.03	003 - Rouge River, Lower Branch
9392	10/11/06	4:25 A	10/11/06	8:34 P	0.3 Million Gallons	0 / 0.3	012 - Rouge River, Lower Branch
9389	10/11/06	4:34 A	10/11/06	9:55 P	1.05 Million Gallons	0 / 1.05	009 - Rouge River, Lower Branch
9386	10/11/06	5:00 A	10/11/06	11:34 P	1.43 Million Gallons	0 / 1.43	004 - Rouge River, Lower Branch
9388	10/11/06	5:10 A	10/11/06	11:25 P	3.39 Million Gallons	0 / 3.39	008 - Rouge River, Lower Branch
9387	10/11/06	5:10 A	10/12/06	12:10 A	4.06 Million Gallons	0 / 4.06	007 - Rouge River, Lower Branch
9390	10/11/06	6:10 A	10/11/06	7:55 P	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
9395	10/11/06	6:45 A	10/11/06	9:55 P	1.42 Million Gallons	0 / 1.42	014 - Rouge River
9255	10/17/06	2:55 A	10/17/06	4:04 P	0.88 Million Gallons	0 / 0.88	001 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9410	10/17/06	3:04 A	10/17/06	3:00 P	0.37 Million Gallons	0 / 0.37	011 - Rouge River
9413	10/17/06	3:19 A	10/17/06	4:00 P	8.01 Million Gallons	0 / 8.01	013 - Rouge River
9399	10/17/06	3:49 A	10/17/06	6:40 P	3.66 Million Gallons	0 / 3.66	003 - Rouge River, Lower Branch
9411	10/17/06	4:10 A	10/17/06	12:00 P	0.52 Million Gallons	0 / 0.52	012 - Rouge River, Lower Branch
9408	10/17/06	4:19 A	10/17/06	4:10 P	1.47 Million Gallons	0 / 1.47	009 - Rouge River, Lower Branch
9407	10/17/06	4:45 A	10/17/06	5:15 P	4.57 Million Gallons	0 / 4.57	008 - Rouge River, Lower Branch
9400	10/17/06	4:49 A	10/17/06	2:49 P	2.47 Million Gallons	0 / 2.47	004 - Rouge River, Lower Branch
9406	10/17/06	4:49 A	10/17/06	5:55 P	5.69 Million Gallons	0 / 5.69	007 - Rouge River, Lower Branch
9412	10/17/06	5:19 A	10/17/06	8:10 A	0.05 Million Gallons	0 / 0.05	020 - Rouge River, Lower Branch
9409	10/17/06	5:49 A	10/17/06	8:55 A	0.03 Million Gallons	0 / 0.03	010 - Rouge River, Lower Branch
9414	10/17/06	6:30 A	10/17/06	2:34 P	5.81 Million Gallons	0 / 5.81	014 - Rouge River
9398	10/17/06	6:34 A	10/17/06	8:25 A	0.03 Million Gallons	0 / 0.03	002 - Rouge River, Lower Branch
9401	10/17/06	7:25 A	10/17/06	12:49 P	0.21 Million Gallons	0 / 0.21	005 - Rouge River, Lower Branch
9402	10/17/06	7:45 A	10/17/06	9:19 A	0.01 Million Gallons	0 / 0.01	006 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

<i>EventID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Treated vs. Untreated (MG)</i>	<i>Point(s) of Discharge</i>
9415	10/17/06	7:45 A	10/17/06	4:15 P	0.35 Million Gallons	0 / 0.35	015 - Rouge River
9702	10/17/06	8:15 A	10/17/06	1:10 P	4.59 Million Gallons	0 / 4.59	017 - Rouge River
9271	10/22/06	9:10 A	10/22/06	2:49 P	0.05 Million Gallons	0 / 0.05	001 - Rouge River, Lower Branch
9419	10/22/06	10:10 A	10/22/06	2:34 P	0.05 Million Gallons	0 / 0.05	013 - Rouge River
9418	10/22/06	11:34 A	10/22/06	1:30 P	0.01 Million Gallons	0 / 0.01	011 - Rouge River
9417	10/22/06	2:45 P	10/22/06	5:15 P	0.02 Million Gallons	0 / 0.02	003 - Rouge River, Lower Branch
9294	10/27/06	9:49 A	10/28/06	6:10 P	0.71 Million Gallons	0 / 0.71	001 - Rouge River, Lower Branch
9705	10/27/06	11:25 A	10/28/06	6:45 P	6.32 Million Gallons	0 / 6.32	013 - Rouge River
9531	10/27/06	11:30 A	10/28/06	5:19 P	0.28 Million Gallons	0 / 0.28	011 - Rouge River
9295	10/27/06	6:25 P	10/28/06	8:55 P	3.15 Million Gallons	0 / 3.15	003 - Rouge River, Lower Branch
9529	10/27/06	7:19 P	10/28/06	6:15 P	1 Million Gallons	0 / 1	009 - Rouge River, Lower Branch
9706	10/27/06	7:19 P	10/28/06	4:34 A	0.28 Million Gallons	0 / 0.28	011 - Rouge River
9527	10/27/06	7:34 P	10/28/06	7:19 P	3.65 Million Gallons	0 / 3.65	008 - Rouge River, Lower Branch
9703	10/27/06	7:40 P	10/28/06	8:10 P	3.95 Million Gallons	0 / 3.95	007 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9526	10/27/06	8:00 P	10/28/06	7:30 A	1.06 Million Gallons	0 / 1.06	004 - Rouge River, Lower Branch
9530	10/27/06	8:49 P	10/27/06	10:00 P	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
9707	10/27/06	10:45 P	10/28/06	6:49 A	3.35 Million Gallons	0 / 3.35	014 - Rouge River
9708	10/28/06	12:19 A	10/28/06	8:25 A	0.26 Million Gallons	0 / 0.26	015 - Rouge River
9709	10/28/06	4:25 A	10/28/06	5:40 A	0.13 Million Gallons	0 / 0.13	017 - Rouge River
9326	11/07/06	11:19 A	11/07/06	6:19 P	0.35 Million Gallons	0 / 0.35	001 - Rouge River, Lower Branch
9719	11/07/06	11:30 A	11/07/06	5:55 P	3.05 Million Gallons	0 / 3.05	013 - Rouge River
9717	11/07/06	11:34 A	11/07/06	6:04 P	0.14 Million Gallons	0 / 0.14	011 - Rouge River
9317	11/07/06	12:40 P	11/07/06	9:00 P	1.35 Million Gallons	0 / 1.35	003 - Rouge River, Lower Branch
9715	11/07/06	1:25 P	11/07/06	6:15 P	0.45 Million Gallons	0 / 0.45	009 - Rouge River, Lower Branch
9718	11/07/06	1:30 P	11/07/06	4:55 P	0.14 Million Gallons	0 / 0.14	012 - Rouge River, Lower Branch
9714	11/07/06	1:49 P	11/07/06	7:34 P	1.49 Million Gallons	0 / 1.49	008 - Rouge River, Lower Branch
9712	11/07/06	2:00 P	11/07/06	8:25 P	1.5 Million Gallons	0 / 1.5	007 - Rouge River, Lower Branch
9711	11/07/06	2:15 P	11/07/06	7:40 P	0.52 Million Gallons	0 / 0.52	004 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

<i>EventID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Treated vs. Untreated (MG)</i>	<i>Point(s) of Discharge</i>
9716	11/07/06	3:00 P	11/07/06	6:15 P	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
9720	11/07/06	4:04 P	11/07/06	6:30 P	0.58 Million Gallons	0 / 0.58	014 - Rouge River
9381	11/15/06	11:49 P	11/16/06	3:04 P	0.39 Million Gallons	0 / 0.39	001 - Rouge River, Lower Branch
9729	11/16/06	1:19 A	11/16/06	2:34 P	0.15 Million Gallons	0 / 0.15	011 - Rouge River
9731	11/16/06	1:19 A	11/16/06	2:40 P	3.14 Million Gallons	0 / 3.14	013 - Rouge River
9382	11/16/06	2:49 A	11/16/06	5:45 P	1.62 Million Gallons	0 / 1.62	003 - Rouge River, Lower Branch
9725	11/16/06	4:30 A	11/16/06	4:19 P	1.62 Million Gallons	0 / 1.62	008 - Rouge River, Lower Branch
9724	11/16/06	4:55 A	11/16/06	5:10 P	1.61 Million Gallons	0 / 1.61	007 - Rouge River, Lower Branch
9730	11/16/06	5:00 A	11/16/06	1:45 P	0.05 Million Gallons	0 / 0.05	012 - Rouge River, Lower Branch
9723	11/16/06	5:40 A	11/16/06	4:10 P	0.19 Million Gallons	0 / 0.19	004 - Rouge River, Lower Branch
9728	11/16/06	5:40 A	11/16/06	6:34 A	0.01 Million Gallons	0 / 0.01	010 - Rouge River, Lower Branch
9727	11/17/06	4:10 A	11/17/06	3:00 P	0.45 Million Gallons	0 / 0.45	009 - Rouge River, Lower Branch
9745	11/30/06	9:55 A	12/01/06	1:30 P	13.93 Million Gallons	0 / 13.93	013 - Rouge River
9447	11/30/06	9:55 A	12/01/06	2:00 P	1.46 Million Gallons	0 / 1.46	001 - Rouge River, Lower Branch

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9742	11/30/06	10:00 A	12/01/06	1:49 P	0.63 Million Gallons	0 / 0.63	011 - Rouge River
9744	11/30/06	10:15 A	12/01/06	10:00 A	0.08 Million Gallons	0 / 0.08	020 - Rouge River, Lower Branch
9733	11/30/06	10:34 A	12/01/06	4:40 P	6.37 Million Gallons	0 / 6.37	003 - Rouge River, Lower Branch
9743	11/30/06	10:40 A	12/01/06	12:25 P	0.63 Million Gallons	0 / 0.63	012 - Rouge River, Lower Branch
9740	11/30/06	10:45 A	12/01/06	2:10 P	2.71 Million Gallons	0 / 2.71	009 - Rouge River, Lower Branch
9739	11/30/06	11:15 A	12/01/06	3:10 P	8.12 Million Gallons	0 / 8.12	008 - Rouge River, Lower Branch
9738	11/30/06	11:15 A	12/01/06	4:04 P	10.16 Million Gallons	0 / 10.16	007 - Rouge River, Lower Branch
9734	11/30/06	11:15 A	12/01/06	3:15 P	3.78 Million Gallons	0 / 3.78	004 - Rouge River, Lower Branch
9741	11/30/06	11:34 A	12/01/06	11:25 A	0.04 Million Gallons	0 / 0.04	010 - Rouge River, Lower Branch
9732	11/30/06	11:49 A	12/01/06	10:15 A	0.05 Million Gallons	0 / 0.05	002 - Rouge River, Lower Branch
9746	11/30/06	12:25 P	12/01/06	1:40 P	10.93 Million Gallons	0 / 10.93	014 - Rouge River
9747	11/30/06	5:55 P	12/01/06	1:00 P	0.93 Million Gallons	0 / 0.93	015 - Rouge River
9735	12/01/06	5:30 A	12/01/06	1:10 P	0.55 Million Gallons	0 / 0.55	005 - Rouge River, Lower Branch
9748	12/01/06	7:19 A	12/01/06	12:15 P	13.19 Million Gallons	0 / 13.19	017 - Rouge River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9736	12/01/06	9:25 A	12/01/06	12:00 P	0.02 Million Gallons	0	/ 0.02	006 - Rouge River, Lower Branch
9535	12/12/06	9:30 P	12/13/06	12:45 A	0.04 Million Gallons	0	/ 0.04	013 - Rouge River
9749	12/13/06	1:25 A	12/13/06	2:19 A	0.01 Million Gallons	0	/ 0.01	015 - Rouge River
9551	12/22/06	12:25 A	12/22/06	7:00 P	0.23 Million Gallons	0	/ 0.23	001 - Rouge River, Lower Branch
9755	12/22/06	1:04 A	12/22/06	6:25 P	0.08 Million Gallons	0	/ 0.08	011 - Rouge River
9756	12/22/06	1:04 A	12/22/06	6:49 P	1.9 Million Gallons	0	/ 1.9	013 - Rouge River
9750	12/22/06	3:49 A	12/22/06	9:40 P	1.07 Million Gallons	0	/ 1.07	003 - Rouge River, Lower Branch
9754	12/22/06	8:55 A	12/22/06	9:30 A	0.01 Million Gallons	0	/ 0.01	010 - Rouge River, Lower Branch
9753	12/22/06	9:25 A	12/22/06	7:00 P	0.12 Million Gallons	0	/ 0.12	009 - Rouge River, Lower Branch
9752	12/22/06	9:30 A	12/22/06	8:15 P	0.48 Million Gallons	0	/ 0.48	008 - Rouge River, Lower Branch
9751	12/22/06	3:19 P	12/22/06	9:04 P	0.35 Million Gallons	0	/ 0.35	007 - Rouge River, Lower Branch
9547	12/26/06	6:10 A	12/26/06	10:04 A	0.09 Million Gallons	0	/ 0.09	001 - Rouge River, Lower Branch
9757	12/26/06	6:25 A	12/26/06	9:55 A	0.03 Million Gallons	0	/ 0.03	011 - Rouge River
9759	12/26/06	6:34 A	12/26/06	9:45 A	0.44 Million Gallons	0	/ 0.44	013 - Rouge River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Dearborn

County: Wayne

Permit Designated Name: Dearborn CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9549	12/26/06	6:55 A	12/26/06	12:49 P	0.35 Million Gallons	0 / 0.35	003 - Rouge River, Lower Branch

Summary for Dearborn : 462 of 463 Events with a Reported Volume Total CSO Volume Reported: 890.74 Million Gallons

Control Program:

Long Term Control Program Due Date: 7/1/2000

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program being implemented; the Department is currently working on a reissued permit that will recognize a modified LTCP. This program includes the construction of 5 additional CSO storage/treatment shafts to control/treat remaining CSOs in the west district. All other untreated CSO have either been eliminated/corrected (1 area sewer separation and Miller Road Pump Station upgraded) or have a storage/treatment shaft currently under construction (5 under construction currently). Schedule durations for the programs include varying dates for completion of construction through Oct. 1, 2010.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Permit Designated Name: Detroit WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9843	01/10/06	11:30 P	01/11/06	4:30 A	0.274 Million Gallons	0	0.274	059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River
9844	01/13/06	8:45 P	01/14/06	2:00 A	0.18 Million Gallons	0	0.18	059 - Rouge River *** 066 - Rouge River *** 072 - Rouge River
9824	01/17/06	12:00 P	01/22/06	7:18 A	67.27 Million Gallons	0	67.27001	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 057 - Rouge River *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River
7364	01/17/06	1:20 P	01/20/06	10:00 A	678 Million Gallons	678	0	049A - Detroit River
7365	01/17/06	2:20 P	01/18/06	11:33 P	429 Million Gallons	0	429	050A - Rouge River
7342	01/17/06	5:45 P	01/18/06	9:30 A	166.18 Million Gallons	166.176	0	104A - Conner Creek (tributary to Detroit River)
7363	01/17/06	11:55 P	01/18/06	7:15 P	28.9 Million Gallons	28.9	0	101A - Rouge River
7561	01/18/06	1:40 P	01/18/06	9:40 P	97.877 Million Gallons	97.877	0	104A - Conner Creek (tributary to Detroit River)
7562	01/19/06	1:50 A	01/19/06	8:00 A	52.443 Million Gallons	52.443	0	104A - Conner Creek (tributary to Detroit River)
7563	01/19/06	10:40 P	01/20/06	1:30 A	38.7 Million Gallons	38.7	0	104A - Conner Creek (tributary to Detroit River)
9825	01/20/06	8:15 P	01/23/06	5:15 A	5.67 Million Gallons	0	5.67	005 - Detroit River *** 006 - Detroit River *** 046 - Rouge River (Old Channel) *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River
7564	01/21/06	4:35 A	01/21/06	6:00 P	135.025 Million Gallons	135.025	0	104A - Conner Creek (tributary to Detroit River)

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7565	01/21/06	11:55 P	01/22/06	4:00 A	50.419 Million Gallons	50.419	/ 0	104A - Conner Creek (tributary to Detroit River)
9826	01/28/06	12:00 P	02/01/06	4:15 A	33.46 Million Gallons	0	/ 33.46	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River
7612	01/29/06	1:25 A	01/30/06	7:50 A	192.63 Million Gallons	192.627	/ 0	104A - Conner Creek (tributary to Detroit River)
7733	01/29/06	8:24 A	01/30/06	5:10 A	289 Million Gallons	289	/ 0	049A - Detroit River
7734	01/29/06	10:48 A	01/29/06	8:14 P	142 Million Gallons	0	/ 142	050A - Rouge River
7627	01/30/06	12:30 P	01/30/06	1:55 P	19.817 Million Gallons	19.82	/ 0	104A - Conner Creek (tributary to Detroit River)
7628	01/30/06	7:05 P	01/30/06	9:20 P	31.473 Million Gallons	31.473	/ 0	104A - Conner Creek (tributary to Detroit River)
9827	02/03/06	3:00 A	02/07/06	7:15 P	89.46 Million Gallons	0	/ 89.46	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River
7943	02/03/06	3:58 A	02/03/06	4:15 A	186 Million Gallons	186	/ 0	049A - Detroit River
7944	02/03/06	7:50 A	02/03/06	6:00 P	97 Million Gallons	0	/ 97	050A - Rouge River
9828	02/04/06	10:00 A	02/04/06	7:18 P	0.616 Million Gallons	0	/ 0.616	059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River

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7950	02/04/06	11:23 A	02/07/06	11:45 P	775 Million Gallons	775 / 0	049A - Detroit River
7951	02/04/06	1:00 P	02/06/06	10:20 A	747 Million Gallons	0 / 747	050A - Rouge River
7949	02/04/06	2:00 P	02/05/06	7:15 P	65.2 Million Gallons	65.2 / 0	101A - Rouge River
7740	02/04/06	2:55 P	02/04/06	5:40 P	5.363 Million Gallons	0 / 5.363	082 - O'Brien Drain (tributary to Rouge River)
7953	02/04/06	3:25 P	02/04/06	9:10 P	27.308 Million Gallons	27.31 / 0	104A - Conner Creek (tributary to Detroit River)
7739	02/04/06	10:30 P	02/05/06	12:20 P	191.148 Million Gallons	191.148 / 0	104A - Conner Creek (tributary to Detroit River)
7954	02/05/06	2:40 P	02/05/06	6:00 A	194.472 Million Gallons	194.472 / 0	104A - Conner Creek (tributary to Detroit River)
7955	02/06/06	9:50 A	02/06/06	11:25 A	21.453 Million Gallons	21.453 / 0	104A - Conner Creek (tributary to Detroit River)

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9834	02/15/06	8:00 A	02/21/06	4:00 A	223.22 Million Gallons	0 / 223.22	012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 005 - Detroit River *** 006 - Detroit River *** 011 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River
8003	02/16/06	4:16 A	02/20/06	1:50 A	962 Million Gallons	962 / 0	049A - Detroit River
8004	02/16/06	6:00 A	02/18/06	4:25 P	762 Million Gallons	0 / 762	050A - Rouge River
7991	02/16/06	7:45 A	02/16/06	11:00 A	Unspecified	0 / 0	104A - Conner Creek (tributary to Detroit River)
8006	02/16/06	11:30 A	02/17/06	4:10 A	16.134 Million Gallons	0 / 16.13	082 - O'Brien Drain (tributary to Rouge River)
8005	02/17/06	12:05 A	02/17/06	8:10 A	246.409 Million Gallons	246.409 / 0	104A - Conner Creek (tributary to Detroit River)
8002	02/17/06	1:00 A	02/18/06	2:20 A	155.8 Million Gallons	155.8 / 0	101A - Rouge River
7990	02/17/06	10:00 A	02/18/06	1:00 A	186.425 Million Gallons	186.425 / 0	104A - Conner Creek (tributary to Detroit River)

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8001	02/17/06	12:05 P	02/18/06	2:35 A	1.7 Million Gallons	1.7	/ 0	106A - Detroit River
8007	02/18/06	5:00 A	02/18/06	10:00 A	68.839 Million Gallons	68.839	/ 0	104A - Conner Creek (tributary to Detroit River)
9835	02/18/06	2:00 P	02/18/06	2:18 P	0.003 Million Gallons	0	/ 0.003	062 - Rouge River
8008	02/18/06	6:50 P	02/18/06	8:50 P	28.707 Million Gallons	28.707	/ 0	104A - Conner Creek (tributary to Detroit River)
8069	03/08/06	4:15 A	03/17/06	4:27 A	3318.44 Million Gallons	1616	/ 1702.44	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
8253	03/30/06	6:15 A	04/02/06	11:45 P	479.48 Million Gallons	230	/ 249.48	005 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 051 - Rouge River *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River

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9846	04/02/06	5:45 P	04/04/06	9:30 P	0.16 Million Gallons	0	0.16	066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River
8262	04/06/06	5:15 A	04/08/06	8:30 P	603 Million Gallons	244	359.02	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 025 - Detroit River *** 027 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
8302	04/12/06	5:45 A	04/14/06	10:45 A	261.28 Million Gallons	118	143.26	005 - Detroit River *** 006 - Detroit River *** 030 - Detroit River *** 047 - Rouge River (Old Channel) *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River *** 050A - Rouge River
8279	04/19/06	9:15 A	04/26/06	9:30 P	346.8 Million Gallons	179.3	167.5	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 025 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 033 - Detroit River *** 047 - Rouge River (Old Channel) *** 059 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 049A - Detroit River *** 050A - Rouge River
8307	05/01/06	8:15 A	05/05/06	4:15 A	136.68 Million Gallons	78	58.69	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 059 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River *** 050A - Rouge River

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8370	05/09/06	10:15 A	05/19/06	10:58 P	4623.65 Million Gallons	1915.21	/ 2708.44	005 - Detroit River *** 006 - Detroit River *** 009 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River *** 106A - Detroit River *** 105A - Detroit River
9848	05/20/06	1:15 A	05/21/06	5:15 A	11.87 Million Gallons	0	/ 11.87	005 - Detroit River
8435	05/22/06	5:02 P	05/27/06	11:15 P	180.4 Million Gallons	130	/ 50.4	005 - Detroit River *** 006 - Detroit River *** 059 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River *** 050A - Rouge River

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8446	05/30/06	4:15 A	06/05/06	10:15 P	537.58 Million Gallons	97 / 440.58	005 - Detroit River *** 006 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 037 - Detroit River *** 038 - Detroit River *** 039 - Detroit River *** 040 - Detroit River *** 041 - Detroit River *** 042 - Detroit River *** 044 - Detroit River *** 047 - Rouge River (Old Channel) *** 051 - Rouge River *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9850	06/18/06	3:45 P	06/19/06	5:45 P	4.1 Million Gallons	0 / 4.1	062 - Rouge River *** 064 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River

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8679	06/20/06	3:15 A	06/24/06	10:15 P	1616.56 Million Gallons	424.6	/ 1191.96	005 - Detroit River *** 006 - Detroit River *** 007 - Detroit River *** 008 - Detroit River *** 009 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 037 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 051 - Rouge River *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River *** 106A - Detroit River *** 104A - Conner Creek (tributary to Detroit River)
8705	06/26/06	5:15 A	06/30/06	9:15 A	189.25 Million Gallons	63.3	/ 125.95	005 - Detroit River *** 059 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River *** 050A - Rouge River *** 106A - Detroit River
9851	07/03/06	11:45 P	07/04/06	12:45 A	0.02 Million Gallons	0	/ 0.02	066 - Rouge River

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8804	07/10/06	3:15 A	07/15/06	8:15 P	788.16 Million Gallons	130.25 / 657.91	005 - Detroit River *** 006 - Detroit River *** 007 - Detroit River *** 008 - Detroit River *** 009 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 037 - Detroit River *** 038 - Detroit River *** 039 - Detroit River *** 040 - Detroit River *** 041 - Detroit River *** 042 - Detroit River *** 044 - Detroit River *** 047 - Rouge River (Old Channel) *** 051 - Rouge River *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
8826	07/17/06	7:15 A	07/20/06	12:15 A	68.38 Million Gallons	21.28 / 47.1	005 - Detroit River *** 006 - Detroit River *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 049A - Detroit River *** 050A - Rouge River

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8873	07/25/06	5:15 A	07/30/06	4:15 A	1696.13 Million Gallons	290.08	/ 1406.05	016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 005 - Detroit River *** 006 - Detroit River *** 007 - Detroit River *** 008 - Detroit River *** 009 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 037 - Detroit River *** 038 - Detroit River *** 039 - Detroit River *** 040 - Detroit River *** 041 - Detroit River *** 042 - Detroit River *** 044 - Detroit River *** 047 - Rouge River (Old Channel) *** 051 - Rouge River *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River *** 106A - Detroit River *** 104A - Conner Creek (tributary to Detroit River)
8915	08/02/06	4:15 A	08/04/06	11:15 P	109.91 Million Gallons	23.43	/ 86.48	005 - Detroit River *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9855	08/13/06	10:15 P	08/13/06	10:30 P	0.01 Million Gallons	0	/ 0.01	075 - Rouge River
8977	08/19/06	6:30 A	08/19/06	5:01 P	38.5 Million Gallons	31	/ 7.52	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 059 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River

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9853	08/23/06	4:15 A	08/24/06	4:00 P	0.52 Million Gallons	0	0.52	062 - Rouge River *** 072 - Rouge River *** 075 - Rouge River
8994	08/26/06	3:15 A	08/30/06	10:15 P	593.2 Million Gallons	101.91	491.27	005 - Detroit River *** 006 - Detroit River *** 008 - Detroit River *** 009 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 025 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 033 - Detroit River *** 047 - Rouge River (Old Channel) *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9013	09/05/06	5:15 A	09/09/06	12:45 P	411.5 Million Gallons	46.72	364.82	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 051 - Rouge River *** 057 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River

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9130	09/10/06	4:15 A	09/15/06	5:15 P	825.2 Million Gallons	125.34	/ 699.8201	005 - Detroit River *** 006 - Detroit River *** 008 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 079 - Rouge River *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River *** 105A - Detroit River
9151	09/17/06	8:15 A	09/20/06	7:15 P	87.25 Million Gallons	17.36	/ 69.89	005 - Detroit River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9879	09/23/06	10:45 P	09/24/06	4:15 A	0.13 Million Gallons	0	/ 0.13	066 - Rouge River *** 072 - Rouge River
9214	10/02/06	9:15 A	10/13/06	8:15 P	268.78 Million Gallons	61.78	/ 207	005 - Detroit River *** 006 - Detroit River *** 008 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 057 - Rouge River *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 079 - Rouge River *** 049A - Detroit River *** 050A - Rouge River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Permit Designated Name: Detroit WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9250	10/16/06	4:15 P	10/20/06	3:15 A	1117.7 Million Gallons	207.31	/ 910.3901	005 - Detroit River *** 006 - Detroit River *** 008 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9297	10/21/06	8:15 A	10/24/06	12:15 A	18.82 Million Gallons	0	/ 18.82	005 - Detroit River *** 062 - Rouge River *** 075 - Rouge River
9279	10/26/06	8:15 A	10/30/06	7:15 P	720.8 Million Gallons	137.24	/ 583.56	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 025 - Detroit River *** 027 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Permit Designated Name: Detroit WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9328	11/06/06	8:15 A	11/09/06	4:45 P	287.94 Million Gallons	60.52	/ 227.42	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 030 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 049A - Detroit River *** 050A - Rouge River
9331	11/11/06	12:30 A	11/11/06	11:09 A	47.81 Million Gallons	26.82	/ 20.99	005 - Detroit River *** 006 - Detroit River *** 059 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9334	11/15/06	5:15 A	11/18/06	4:15 P	420.5 Million Gallons	70.35	/ 350.15	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 057 - Rouge River *** 062 - Rouge River *** 072 - Rouge River *** 075 - Rouge River *** 049A - Detroit River *** 050A - Rouge River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Permit Designated Name: Detroit WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9448	11/29/06	7:15 A	12/04/06	5:25 A	2705.36 Million Gallons	951.69	/ 1753.67	005 - Detroit River *** 006 - Detroit River *** 011 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 041 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 062 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 068 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River *** 106A - Detroit River *** 105A - Detroit River *** 104A - Conner Creek (tributary to Detroit River)
9510	12/11/06	3:15 A	12/14/06	9:15 P	512.8 Million Gallons	166.54	/ 346.23	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 019 - Detroit River *** 021 - Detroit River *** 022 - Detroit River *** 030 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River
9552	12/20/06	9:15 A	12/23/06	10:29 P	455.6 Million Gallons	121.6	/ 334.01	005 - Detroit River *** 006 - Detroit River *** 057 - Rouge River *** 062 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 049A - Detroit River *** 050A - Rouge River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Permit Designated Name: Detroit WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
9554	12/26/06	8:30 A	12/26/06	1:05 P	35.08 Million Gallons	12.48	/ 22.6	049A - Detroit River *** 050A - Rouge River
9557	12/30/06	9:15 A	01/03/07	5:36 A	1213.3 Million Gallons	401.62	/ 811.7	005 - Detroit River *** 006 - Detroit River *** 012 - Detroit River *** 016 - Detroit River *** 018 - Detroit River *** 019 - Detroit River *** 020 - Detroit River *** 021 - Detroit River *** 023 - Detroit River *** 024 - Detroit River *** 025 - Detroit River *** 026 - Detroit River *** 027 - Detroit River *** 028 - Detroit River *** 029 - Detroit River *** 030 - Detroit River *** 031 - Detroit River *** 032 - Detroit River *** 033 - Detroit River *** 036 - Detroit River *** 038 - Detroit River *** 042 - Detroit River *** 047 - Rouge River (Old Channel) *** 057 - Rouge River *** 059 - Rouge River *** 060 - Rouge River *** 061 - Rouge River *** 064 - Rouge River *** 065 - Rouge River *** 066 - Rouge River *** 072 - Rouge River *** 073 - Rouge River *** 075 - Rouge River *** 077 - Rouge River *** 079 - Rouge River *** 082 - O'Brien Drain (tributary to Rouge River) *** 101A - Rouge River *** 049A - Detroit River *** 050A - Rouge River

Summary for Detroit :

81 of 82 Events with a Reported Volume Total CSO Volume Reported: 32242.225 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Detroit

County: Wayne

Permit Designated Name: Detroit WWTP

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; controls include retention/treatment basins (4 on-line, 1 under construction, 1 with approved design), CSO Screening & Disinfection Facilities (3 on-line), the proposed 201 MG Upper Rouge CSO capture Tunnel (URT) (being designed), and 13 in-system storage dams in collection system sewers (on-line) for eventual transport of combined flow to the wastewater treatment plant; expansion of primary treatment capacity at the WWTP to 1700 MGD (on-line). To date 12 CSOs have been eliminated, and an additional 17 CSOs will be eliminated once projects currently under construction or design are completed. In addition to these 29 outfalls discussed above, the permit requires control of the remaining 5 untreated Rouge River outfalls by 2012, and that an amended LTCP be submitted by 12/1/08, that will determine approvable control projects and associated schedules for the 3 untreated CSOs to the Old Channel of the Rouge River (around Zug Island) and the 39 untreated CSOs to the Detroit River to provide adequate treatment to meet water quality standards at times of discharge.

East Lansing

County: Ingham

Permit Designated Name: East Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8091	03/13/06	6:45 A	03/17/06	9:00 A	25 Million Gallons	25 / 0	015 - Red Cedar River

Summary for East Lansing :

1 of 1 Events with a Reported Volume

Total CSO Volume Reported: 25 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

East Lansing

County: Ingham

Permit Designated Name: East Lansing WWTP

Control Program:

Long Term Control Program Due Date: 5/19/1993

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; controls include sewer separation and construction of a retention treatment basin (RTB) and tunnel; construction has been completed; permit requires an evaluation study following "start-up" of the RTB to assure that discharges from the facility are adequately treated and do not cause violations of Water Quality Standards. The study is underway.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Essexville

County: Bay

Permit Designated Name: Essexville WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7451	01/13/06	11:30 P	01/14/06	8:00 A	0.8 Million Gallons	0.8 / 0	002 - Saginaw River
7620	01/29/06	8:00 A	01/31/06	8:00 A	1.738 Million Gallons	1.738 / 0	002 - Saginaw River
8053	02/16/06	11:00 A	02/17/06	3:00 P	1.802 Million Gallons	1.802 / 0	002 - Saginaw River
8059	03/10/06	3:00 A	03/15/06	8:30 A	9.814 Million Gallons	9.814 / 0	002 - Saginaw River
8374	05/11/06	8:00 A	05/12/06	8:00 A	1.44 Million Gallons	1.44 / 0	002 - Saginaw River
8674	06/21/06	1:15 P	06/22/06	8:00 A	0.314 Million Gallons	0.314 / 0	002 - Saginaw River
9202	08/26/06	7:00 P			2.008 Million Gallons	2.008 / 0	002 - Saginaw River
9137	09/11/06	10:00 P	09/12/06	8:00 A	0.867 Million Gallons	0.867 / 0	002 - Saginaw River
9219	10/04/06	9:00 A	10/04/06	1:30 P	0.925 Million Gallons	0.925 / 0	002 - Saginaw River

Summary for Essexville :

9 of 9 Events with a Reported Volume

Total CSO Volume Reported: 19.708 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Essexville

County: Bay

Permit Designated Name: Essexville WWTP

Control Program:

Long Term Control Program Due Date: 3/31/2000

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; currently an evaluation study for this CSO facility is being conducted to determine what or if additional system improvements are necessary to achieve adequate treatment of discharges to assure compliance with Water Quality Standards.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Rapids

County: Kent

Permit Designated Name: Grand Rapids WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
7112	01/02/06	6:27 P	01/02/06	7:46 P	0.284 Million Gallons	0	/ 0.284	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
7978	02/16/06	2:40 P	02/16/06	7:48 P	1.457 Million Gallons	0	/ 1.457	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8106	03/09/06	12:11 P	03/09/06	2:48 A	0.081 Million Gallons	0	/ 0.081	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8107	03/10/06	1:31 A	03/10/06	2:45 A	0.253 Million Gallons	0	/ 0.253	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8108	03/13/06	3:06 A	03/13/06	4:48 A	0.533 Million Gallons	0	/ 0.533	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8357	05/11/06	3:17 A	05/11/06	4:57 A	0.146 Million Gallons	0	/ 0.146	110 - Plaster Creek via Silver Creek Drain
8592	05/30/06	4:31 P	05/31/06	1:37 A	1.107 Million Gallons	0	/ 1.107	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8593	06/02/06	2:55 P	06/02/06	4:17 P	0.65 Million Gallons	0	/ 0.65	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8594	06/03/06	5:07 P	06/03/06	7:59 P	0.364 Million Gallons	0	/ 0.365	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8801	07/11/06	5:26 P	07/11/06	10:01 P	0.632 Million Gallons	0	/ 0.632	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8907	07/17/06	10:21 A	07/18/06	7:49 A	23.191 Million Gallons	16.09	/ 7.101	003 - Grand River *** 103 - Grand River *** 104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
8899	07/30/06	12:24 P	07/30/06	1:30 P	0.103 Million Gallons	0	/ 0.103	110 - Plaster Creek via Silver Creek Drain

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Rapids

County: Kent

Permit Designated Name: Grand Rapids WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8909	08/03/06	8:57 A	08/03/06	11:30 A	0.199 Million Gallons	0 / 0.199	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain
9122	09/03/06	4:05 A	09/03/06	4:40 A	0.044 Million Gallons	0 / 0.044	110 - Plaster Creek via Silver Creek Drain
9070	09/08/06	9:59 P	09/09/06	2:28 A	0.951 Million Gallons	0 / 0.951	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
9090	09/11/06	7:00 P	09/11/06	7:20 P	0.012 Million Gallons	0 / 0.012	110 - Plaster Creek via Silver Creek Drain
9171	09/23/06	6:09 P	09/23/06	8:56 P	0.34 Million Gallons	0 / 0.34	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
9207	10/02/06	7:20 A	10/02/06	1:38 P	0.318 Million Gallons	0 / 0.318	110 - Plaster Creek via Silver Creek Drain
9211	10/02/06	10:57 P	10/03/06	12:11 A	0.17 Million Gallons	0 / 0.17	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
9216	10/04/06	8:02 A	10/04/06	8:15 A	0.001 Million Gallons	0 / 0.001	119 - Grand River via Coldbrook Drain
9321	11/10/06	9:30 P	11/10/06	11:35 P	0.577 Million Gallons	0 / 0.577	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
9425	11/29/06	2:02 P	11/29/06	4:27 P	0.669 Million Gallons	0 / 0.669	110 - Plaster Creek via Silver Creek Drain *** 119 - Grand River via Coldbrook Drain
9524	12/12/06	11:36 P	12/13/06	12:23 A	0.173 Million Gallons	0 / 0.173	104 - Grand River *** 110 - Plaster Creek via Silver Creek Drain
9565	12/22/06	9:21 A	12/22/06	9:24 A	0.001 Million Gallons	0 / 0.001	119 - Grand River via Coldbrook Drain

Summary for Grand Rapids :

24 of 24 Events with a Reported Volume

Total CSO Volume Reported: 32.256 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Rapids

County: Kent

Permit Designated Name: Grand Rapids WWTP

Control Program:

Long Term Control Program Due Date: 10/1/1991

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program being implemented; controls include 30 million gallon Market Ave. Retention Treatment Basin in conjunction with sewer separation construction; permit requires control of ten (10) remaining outfalls through sewer separation with various schedule dates for elimination of overflows ranging from 2006 through 2019. NOTE: Outfalls 124, 125 & 128 have been eliminated (12/06).

Iron Mountain / Kingsford

County: Dickinson

Permit Designated Name: Iron Mountain-Kingsford WWT

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9313	05/11/06	5:15 P	05/11/06	11:20 P	1.906 Million Gallons	1.906 / 0	002 - Menominee River
9314	05/28/06	4:50 A	05/28/06	8:15 A	6.402 Million Gallons	6.402 / 0	002 - Menominee River
9315	08/02/06	7:00 A	08/02/06	11:45 A	1.29 Million Gallons	1.29 / 0	002 - Menominee River
9316	08/25/06	4:45 A	08/25/06	7:55 A	1.291 Million Gallons	1.291 / 0	002 - Menominee River
9627	12/22/06	3:00 P	12/22/06	6:40 P	0.68 Million Gallons	0.68 / 0	002 - Menominee River
9628	12/23/06	11:15 A	12/23/06	3:45 P	0.638 Million Gallons	0.638 / 0	002 - Menominee River

Summary for Iron Mountain / Kingsford : 6 of 6 Events with a Reported Volume Total CSO Volume Reported: 12.207 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Iron Mountain / Kingsford

County: Dickinson

Permit Designated Name: Iron Mountain-Kingsford WWT

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: NA

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program considered complete (an existing retention/treatment basin); however, permittee is currently conducting sewer separation construction and permit requires submittal of a report to characterize discharges from existing retention/treatment basin based upon the type of sewer collection system (i.e., separate or combined) tributary to this CSO treatment facility adjacent to the municipal wastewater treatment plant.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8041	01/01/06	8:00 P	01/03/06	3:00 A	8.163 Million Gallons	0 / 8.163	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8044	01/04/06	9:00 A	01/05/06	12:00 P	1.1 Million Gallons	0 / 1.1	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8045	01/10/06	10:00 A	01/11/06	11:00 A	0.863 Million Gallons	0 / 0.867	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8049	01/13/06	9:00 A	01/13/06	11:00 P	11.045 Million Gallons	Unspecified / 11.054	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8050	01/17/06	3:00 A	01/18/06	12:00 A	5.151 Million Gallons	0 / 5.151	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8051	01/20/06	5:00 P	01/21/06	9:00 A	8.055 Million Gallons	0 / 8.055	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8052	01/28/06	5:00 P	01/30/06	6:00 P	9.108 Million Gallons	0 / 9.108001	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 018 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8076	03/08/06	8:00 P	03/10/06	4:00 A	18.577 Million Gallons	0 / 18.577	003 - Grand River *** 008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified,

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8054	03/12/06	12:00 A	03/12/06	6:00 A	1.499 Million Gallons	0 / 1.499	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8247	03/13/06	2:30 A	03/13/06	5:00 A	13.614 Million Gallons	0 / 13.614	Unspecified, Intersection of Indiana Avenue and North Street *** Unspecified, 235 Grand Avenue, NE corner of Grand Avenue and Kalamazoo Street *** Grand River, outfall 016 - N Grand River Ave *** Grand River, outfall 017 - Turner St at Beaver St *** 002 - Grand River *** 003 - Grand River *** 008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street ***

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

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Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8258	04/02/06	3:00 P	04/03/06	2:00 P	2.495 Million Gallons	0 / 2.495	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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January 1, 2006 - December 31, 2006

Lansing

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EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8272	04/07/06	2:00 A	04/07/06	12:00 P	11.482 Million Gallons	0 / 11.482	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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January 1, 2006 - December 31, 2006

Lansing

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EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8366	04/11/06	12:00 A	04/12/06	4:00 A	2.572 Million Gallons	0 / 2.572	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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January 1, 2006 - December 31, 2006

Lansing

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Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8305	04/11/06	12:00 A	04/12/06	4:00 A	2.572 Million Gallons	0 / 2.572	009 - Grand River *** 010 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 025 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 035 - Grand River *** 037 - Grand River *** 042 - Red Cedar River *** 044 - Red Cedar River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street ***

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Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8609	04/14/06	1:00 A	04/14/06	5:00 A	2.449 Million Gallons	0 / 2.449	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8617	05/02/06	9:00 A	05/02/06	9:00 P	4.277 Million Gallons	0 / 4.277	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8449	05/02/06	9:00 A	05/02/06	9:00 P	4.277 Million Gallons	0 / 4.277	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 025 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 035 - Grand River *** 037 - Grand River *** 042 - Red Cedar River *** 044 - Red Cedar River *** 045 - Grand River *** 046 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified,

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8672	05/10/06	5:00 P	05/11/06	10:00 A	31.62 Million Gallons	0 / 31.62	008 - Grand River *** 009 - Grand River *** 010 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified,

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8795	05/13/06	8:00 A	05/15/06	7:00 A	9.356 Million Gallons	0 / 9.356001	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8796	05/18/06	4:00 P	05/19/06	3:00 A	2.811 Million Gallons	0 / 2.811	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street *** Unspecified, Catherine Street & Genessee

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8797	05/24/06	9:00 P	05/25/06	1:00 A	1.183 Million Gallons	Unspecified / 1.151	Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8798	05/26/06	12:00 P	05/26/05	3:00 P	2.053 Million Gallons	0 / 2.053	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8881	06/07/06	3:00 A	06/07/06	2:00 P	7.289 Million Gallons	0 / 7.289	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8911	06/18/06	1:00 P	06/18/06	7:00 P	6.292 Million Gallons	0 / 6.292	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8913	06/21/06	3:00 A	06/21/06	9:00 A	8.9 Million Gallons	0 / 8.9	013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** 008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9229	07/11/06	1:00 P	07/12/06	5:00 A	8.759 Million Gallons	0 / 8.759	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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January 1, 2006 - December 31, 2006

Lansing

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Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9230	07/17/06	8:00 P	07/18/06	12:00 A	10.352 Million Gallons	0 / 10.352	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9231	07/26/06	12:00 P	07/26/06	3:00 P	9.809 Million Gallons	0 / 9.808999	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9232	07/27/06	6:00 P	07/28/06	12:00 A	10.008 Million Gallons	0 / 10.008	008 - Grand River *** 009 - Grand River *** 010 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified,

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9233	07/30/06	10:00 A	07/30/06	4:00 P	0.989 Million Gallons	0 / 0.989	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street *** Unspecified, Catherine Street & Genessee

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8926	08/02/06	8:00 P	08/03/06	6:00 P	19.471 Million Gallons	0 / 19.471	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 047 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8986	08/24/06	1:00 A	08/24/06	6:00 P	25.252 Million Gallons	0 / 25.252	008 - Grand River *** 009 - Grand River *** 010 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stablre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified,

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
8998	08/26/06	3:00 A	08/29/06	6:00 A	2.096 Million Gallons	0 / 2.096	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River *** Unspecified, 4818 Sydney, Lansing *** Grand River, WWTP 1625 Sunset, Lansing *** Unspecified, multiple locations *** Grand River, Ravenswood PS on Boynton Dr, Lansing *** Grand River, PS at 3137 Tecumseh River Dr. *** Unspecified, Coolage Rd. (aka Pointe North Bldg) *** Grand River, see description *** Unspecified, 902 Riverview Dr. *** Grand River, 1625 Sunset Ave, Lansing *** Unspecified, Westburg Street, Lansing *** Unspecified, 906 N. Pennsylvania *** Unspecified, Bogart St, Lansing *** Grand River, Washtenaw & Grand at Grand River *** Unspecified, Jolly & Hagadorn *** Unspecified, 1005 Cleveland St *** Unspecified, 1540 Mandel *** Unspecified, 6501 S Cedar (behind this address on S Pennsylvania) *** Grand River, Wise Rd PS, 6000 Wise @ Newark Ave *** Unspecified, 420 East Saginaw St *** Unspecified, Jolly & Collins Rd *** Grand River, Kalamazoo at Grand Ave *** Sycamore Creek, 4600 block of Palmer St. Inverted Siphon *** Unspecified, Francis Park PS *** Unspecified, 6137 Pleasant Grove *** Grand River, Bonair & Upton *** Unspecified, Burchfield Drive & Rouse Street *** Unspecified, Stabre St. & Cavanaugh Rd *** Unspecified, Lowcroft St & Rouse St *** Unspecified, Holmes Rd, west of Cedar Street *** Unspecified, Donald Ave & Rouse Street *** Unspecified, Sunnyside Ave & Harding St *** Unspecified, Creston Ave & Howe St *** Unspecified, Chilson Street *** Unspecified, Lowcroft Street & Mason Street ***

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9299	09/05/06	4:00 P	09/06/06	5:15 A	2.753 Million Gallons	0 / 2.753	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9301	09/11/06	3:00 P	09/12/06	12:45 A	4.043 Million Gallons	0 / 4.043	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9134	09/12/06	11:00 A	09/14/06	4:45 A	18 Million Gallons	0 / 18	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9302	09/22/06	9:30 P	09/23/06	2:15 A	8.35 Million Gallons	0 / 8.35	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9303	09/23/06	4:00 P	09/24/06	11:15 A	4.655 Million Gallons	0 / 4.655	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9208	10/02/06	5:00 A	10/02/06	12:15 P	6.503 Million Gallons	0 / 6.503001	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9252	10/16/06	9:00 P	10/17/06	2:45 P	8.939 Million Gallons	0 / 8.938999	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9481	10/21/06	9:00 A	10/22/06	8:30 A	6.089 Million Gallons	0 / 6.089001	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9482	10/28/06	8:15 A	10/28/06	1:15 P	0.678 Million Gallons	0 / 0.678	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9584	11/07/06	7:00 A	11/07/06	1:45 P	1.492 Million Gallons	0 / 1.492	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9641	11/10/06	5:00 P	11/11/06	11:45 A	9.804 Million Gallons	0 / 9.804001	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9377	11/15/06	8:00 P	11/16/06	9:15 P	20.555 Million Gallons	0 / 20.555	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9426	11/29/06	6:15 P	11/30/06	6:00 P	20.83 Million Gallons	0 / 20.83	008 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 014 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 033 - Grand River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9430	11/30/06	9:00 P	12/02/06	4:30 A	7.411 Million Gallons	0 / 7.411	046 - Grand River *** 009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 018 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9818	12/12/06	1:00 A	12/13/06	4:15 A	5.185 Million Gallons	0 / 5.184999	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
9819	12/21/06	3:00 P	12/22/06	5:30 P	3.199 Million Gallons	0 / 3.199	009 - Grand River *** 011 - Grand River *** 012 - Grand River *** 013 - Grand River *** 015 - Grand River *** 016 - Grand River *** 017 - Grand River *** 019 - Grand River *** 020 - Grand River *** 021 - Grand River *** 022 - Grand River *** 023 - Grand River *** 024 - Grand River *** 026 - Red Cedar River *** 032 - Red Cedar River *** 034 - Grand River *** 045 - Grand River *** 046 - Grand River

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Permit Designated Name: Lansing WWTP

Reported Events:

EventID	Start Date/Time	End Date/Time	Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge *
Summary for Lansing : 49 of 49 Events with a Reported Volume Total CSO Volume Reported: 392.025 Million Gallons					

Control Program:

Long Term Control Program Due Date: 3/9/1992

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program (sewer separation project) being implemented; separation construction is to be conducted in 6 phases; Phases I, II & III are essentially completed (service areas tributary to 12 outfalls); permit schedule requires completion of construction of sewer separation phases and elimination of overflows by 2019.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Manistee

County: Manistee

Permit Designated Name: Manistee WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
7611	01/28/06	9:30 P	01/30/06	4:00 A	0.768 Million Gallons	0 /	0.7686	003 - Manistee River *** 018 - Manistee Lake
7625	01/30/06	12:00 P	01/31/06	6:00 A	0.135 Million Gallons	0 /	0.135	018 - Manistee Lake
8060	03/09/06	8:45 P	03/10/06	6:00 A	0.19647 Million Gallons	0 /	0.19647	003 - Manistee River *** 018 - Manistee Lake
8081	03/11/06	9:00 P	03/12/06	6:00 A	0.12798 Million Gallons	0 /	0.12798	018 - Manistee Lake
8280	03/12/06	10:30 P	03/14/06	6:00 A	0.378 Million Gallons	0 /	0.378	018 - Manistee Lake
8256	04/03/06	1:15 A	04/03/06	6:15 A	0.0282 Million Gallons	0 /	0.0282	003 - Manistee River *** 018 - Manistee Lake
8368	05/11/06	4:30 A	05/12/06	6:00 A	0.56457 Million Gallons	0 /	0.56457	003 - Manistee River *** 018 - Manistee Lake
8383	05/13/06	6:30 P	05/13/06	9:30 P	0.0189 Million Gallons	0 /	0.0189	003 - Manistee River *** 018 - Manistee Lake
8455	05/28/06	5:30 A	05/28/06	11:30 P	1.1655 Million Gallons	0 /	1.1655	003 - Manistee River *** 018 - Manistee Lake
8456	05/30/06	1:45 A	05/30/06	3:45 P	0.28308 Million Gallons	0 /	0.28308	003 - Manistee River *** 018 - Manistee Lake
8662	06/18/06	12:00 P	06/19/06	4:00 A	0.15552 Million Gallons	0 /	0.15552	003 - Manistee River *** 018 - Manistee Lake
8990	08/26/06	1:00 P	08/27/06	5:00 A	0.3936 Million Gallons	0 /	0.3936	003 - Manistee River *** 018 - Manistee Lake
9117	09/11/06	8:00 P	09/12/06	1:15 A	0.05115 Million Gallons	0 /	0.05115	003 - Manistee River *** 018 - Manistee Lake
9133	09/12/06	10:45 P	09/13/06	3:00 A	0.03621 Million Gallons	0 /	0.03621	003 - Manistee River *** 018 - Manistee Lake

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Manistee

County: Manistee

Permit Designated Name: Manistee WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9198	09/23/06	9:00 P	09/24/06	2:00 A	0.129 Million Gallons	0 / 0.129	003 - Manistee River *** 018 - Manistee Lake
9221	10/04/06	1:00 A	10/04/06	6:00 A	0.0819 Million Gallons	0 / 0.0819	003 - Manistee River *** 018 - Manistee Lake
9237	10/11/06	3:00 P	10/12/06	12:45 A	0.121095 Million Gallons	0 / 0.121095	003 - Manistee River *** 018 - Manistee Lake
9270	10/22/06	12:30 A	10/23/06	12:00 A	0.37365 Million Gallons	0 / 0.37365	003 - Manistee River *** 018 - Manistee Lake
9405	11/28/06	1:45 A	11/28/06	4:30 P	0.222345 Million Gallons	0 / 0.222345	003 - Manistee River *** 018 - Manistee Lake
9518	12/12/06	1:00 P	12/13/06	6:00 A	0.1071 Million Gallons	0 / 0.1071	003 - Manistee River *** 018 - Manistee Lake
9543	12/22/06	11:00 A	12/23/06	6:00 A	0.3078 Million Gallons	0 / 0.3078	003 - Manistee River *** 018 - Manistee Lake

Summary for Manistee :

21 of 21 Events with a Reported Volume Total CSO Volume Reported: 5.645 Million Gallons

Control Program:

Long Term Control Program Due Date: Submitted

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program (sewer separation project) being implemented; permit requires elimination of overflows from River St./Jones St. outfall (Outfall 014) by Dec. 31, 2011, and elimination of overflows from the remaining 3 outfalls by Dec. 31, 2016.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Manistique

County: Schoolcraft

Permit Designated Name: Manistique WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8762	07/01/06	6:00 P	07/01/06	7:00 P	0.00336 Million Gallons	0 / 0.003	003 - Manistique River
8975	08/19/06	10:00 A	08/19/06	12:00 P	0.02 Million Gallons	0 / 0.02	003 - Manistique River

Summary for Manistique :

2 of 2 Events with a Reported Volume

Total CSO Volume Reported: 0.023 Million Gallons

Control Program:

Long Term Control Program Due Date: 4/1/2000

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program being implemented; permit requires elimination of discharges from the one remaining outfall by Jan. 1, 2020.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Milk River Intercounty Drainage Board **County: Wayne** **Permit Designated Name: Milk River CSO RTB**

Reported Events:

<i>EventID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Treated vs. Untreated (MG)</i>	<i>Point(s) of Discharge</i>
7344	01/17/06	8:47 P	01/17/06	11:04 P	3.12 Million Gallons	3.12 / 0	001 - Milk River
7359	01/18/06	1:44 A	01/18/06	2:35 A	9.384 Million Gallons	9.384 / 0	001 - Milk River
7362	01/21/06	3:45 A	01/21/06	5:06 A	10.13 Million Gallons	10.13 / 0	001 - Milk River
7745	02/05/06	3:41 A	02/05/06	4:32 A	9.384 Million Gallons	9.384 / 0	001 - Milk River
8009	02/17/06	12:14 A	02/17/06	7:15 A	28.378 Million Gallons	28.378 / 0	001 - Milk River
8104	03/13/06	9:15 A	03/13/06	1:23 P	21.645 Million Gallons	21.645 / 0	001 - Milk River
8367	05/11/06	2:55 A	05/11/06	4:29 A	11.61 Million Gallons	11.609 / 0	001 - Milk River
8375	05/11/06	2:40 P	05/11/06	3:49 P	8.522 Million Gallons	8.5215 / 0	001 - Milk River
8424	05/18/06	3:10 A	05/18/06	4:00 A	9.2 Million Gallons	9.2 / 0	001 - Milk River
8689	06/21/06	10:42 P	06/21/06	11:18 P	11.28 Million Gallons	11.28 / 0	001 - Milk River
8703	06/22/06	12:29 A	06/23/06	3:30 P	10.3 Million Gallons	10.3 / 0	001 - Milk River
8809	07/12/06	2:36 A	07/12/06	3:06 A	9.88 Million Gallons	9.88 / 0	001 - Milk River
8888	07/26/06	7:20 P	07/26/06	8:14 P	24.8 Million Gallons	24.8 / 0	001 - Milk River
9463	12/01/06	2:31 A	12/01/06	3:52 A	71.877 Million Gallons	71.88 / 0	001 - Milk River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Milk River Intercounty Drainage Board

County: Wayne

Permit Designated Name: Milk River CSO RTB

Reported Events:

EventID	Start Date/Time	End Date/Time	Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
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Summary for Milk River Intercounty Drainage Board: 14 of 14 Events with a Reported Volume Total CSO Volume Reported: 239.51 Million Gallons

Control Program:

Long Term Control Program Due Date: Submitted

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program being implemented; existing retention/treatment basin was upgraded in mid-1990s; reissued permit requires an "In-stream Dissolved Oxygen Study" and to determine whether discharges from the facility cause violations of Water Quality Standards and if additional corrections might be necessary (this permit was contested by the permittee - but a resolution appears near); there are no uncontrolled (i.e., untreated) CSO outfalls associated with this permittee/program.

Niles

County: Berrien

Permit Designated Name: Niles WWTP

Reported Events:

EventID	Start Date/Time	End Date/Time	Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
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8894	07/27/06 8:30 P	07/27/06 9:00 P	0.9 Million Gallons	0.9 / 0	002 - St. Joseph River
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Summary for Niles : 1 of 1 Events with a Reported Volume Total CSO Volume Reported: 0.9 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Niles	County: Berrien	Permit Designated Name: Niles WWTP
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Control Program:

Long Term Control Program Due Date:	Submitted	Implementation status of U.S.
Long Term Control Required by:	Permit	EPA's Nine Minimum Controls: Implemented
Long Term Control Program Status:	Implemented	

Long-term Control Program (sewer separation project) being implemented; permit & program require elimination of overflows by 2012; in addition, permit & program require permittee to cease discharge from the retention/treatment basin (located @ the WWTP) by 2014.

North Houghton Co W&SA	County: Houghton	Permit Designated Name: North Houghton Co W&SA CS
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Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8241	03/30/06	2:00 P	04/26/06	8:00 A	32.942 Million Gallons	32.94 / 0	002 - Douglas Creek
8248	03/31/06	8:00 A	04/24/06	8:00 A	16.1524 Million Gallons	16.15 / 0	001 - St. Louis Creek
8320	05/09/06	9:00 A	05/19/06	6:00 A	11.5 Million Gallons	11.5426 / 0	001 - St. Louis Creek *** 002 - Douglas Creek
8612	06/06/06	3:45 P	06/06/06	7:00 P	0.1572 Million Gallons	0.1572 / 0	001 - St. Louis Creek *** 002 - Douglas Creek
8818	07/16/06	4:00 A	07/14/06	4:00 A	2.9 Million Gallons	2.9062 / 0	001 - St. Louis Creek *** 002 - Douglas Creek

Summary for North Houghton Co W&SA :	5 of 5 Events with a Reported Volume	Total CSO Volume Reported: 63.652 Million Gallons
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Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

North Houghton Co W&SA

County: Houghton

Permit Designated Name: North Houghton Co W&SA CS

Control Program:

Long Term Control Program Due Date: 10/1/1998

Long Term Control Required by: NPDES permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; two existing clarifiers with disinfection and dechlorination; additional work is being conducted (infiltration/inflow reduction) to increase transport capacity to the wastewater treatment plant; permit requires submittal of Evaluation Study to determine whether adequate treatment is provided; permit also requires submittal of Control Program by July 1, 2005, if the Evaluation Study indicates CSO concentrators aren't providing adequate treatment.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Oakland Co SOCSDS 12 Towns RTF **County: Oakland** **Permit Designated Name: Oakland Co SOCSDS 12 Towns**

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7985	02/17/06	12:05 A	02/17/06	9:00 A	91.05 Million Gallons	91.05 / 0	001 - Red Run Drain (tributary to Clinton River)
9863	03/01/06	3:15 P	03/02/07	9:30 A	278 Million Gallons	278 / 0	001 - Red Run Drain (tributary to Clinton River)
8077	03/10/06	3:50 A	03/10/06	12:45 P	57 Million Gallons	57 / 0	001 - Red Run Drain (tributary to Clinton River)
8093	03/13/06	9:52 A	03/13/06	9:00 P	71 Million Gallons	71 / 0	001 - Red Run Drain (tributary to Clinton River)
8365	05/11/06	1:50 A	05/11/06	1:05 P	141 Million Gallons	141 / 0	001 - Red Run Drain (tributary to Clinton River)
8681	06/21/06	1:20 P	06/21/06	3:30 P	17 Million Gallons	17 / 0	001 - Red Run Drain (tributary to Clinton River)
8691	06/21/06	10:35 P	06/22/06	3:00 A	72 Million Gallons	72 / 0	001 - Red Run Drain (tributary to Clinton River)
9257	10/17/06	11:45 A	10/17/06	4:08 P	2.69 Million Gallons	2.69 / 0	001 - Red Run Drain (tributary to Clinton River)
9461	11/30/06	4:30 P	11/30/06	7:41 P	9 Million Gallons	9 / 0	001 - Red Run Drain (tributary to Clinton River)
9462	12/01/06	12:58 A	12/01/06	6:30 P	217 Million Gallons	217 / 0	001 - Red Run Drain (tributary to Clinton River)

Summary for Oakland Co SOCSDS 12 Towns **10 of 10 Events with a Reported Volume** **Total CSO Volume Reported: 955.74 Million Gallons**

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Oakland Co SOCSDS 12 Towns RTF

County: Oakland

Permit Designated Name: Oakland Co SOCSDS 12 Towns

Control Program:

Long Term Control Program Due Date: 12/1/1998

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program has been completed; permit & program required construction project to upgrade the George W. Kuhn (formerly "12 Towns") Retention Treatment Facility to assure facility provides adequate treatment of discharges; upgrades include capacity/volume increase and disinfection improvements; construction of facility upgrades was completed on Dec. 22, 2005; there are no "uncontrolled" (i.e., untreated) CSO outfalls associated with this permittee/program.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Port Huron

County: St Clair

Permit Designated Name: Port Huron WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
7360	01/17/06	4:00 P	01/18/06	6:00 A	3.91 Million Gallons	0	/ 3.914	004 - Black River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
7737	01/29/06	10:00 A	01/29/06	9:00 P	1.77 Million Gallons	0	/ 1.769	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
7847	02/04/06	2:00 P	02/05/06	12:00 A	5.15 Million Gallons	0	/ 5.155	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
7992	02/16/06	8:00 P	02/17/06	6:00 A	2.56 Million Gallons	0	/ 2.564	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8117	03/10/06	6:00 A	03/10/06	1:00 P	1.17 Million Gallons	0	/ 1.166	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8118	03/13/06	9:00 A	03/13/06	6:00 P	2.14 Million Gallons	0	/ 2.137	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8431	05/17/06	6:00 P	05/18/06	1:00 A	5.47 Million Gallons	0	/ 5.471	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8701	06/21/06	1:30 P	06/21/06	4:00 P	1.84 Million Gallons	0	/ 1.842	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8810	07/12/06	2:00 A	07/12/06	8:00 A	6.019 Million Gallons	0	/ 6.019	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Port Huron

County: St Clair

Permit Designated Name: Port Huron WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
8821	07/14/06	11:00 P	07/15/06	5:00 A	5.21 Million Gallons	0	/ 5.207	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8849	07/20/06	7:00 P	07/20/06	10:00 P	1.43 Million Gallons	0	/ 1.426	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8919	08/03/06	1:00 A	08/03/06	3:00 A	1.49 Million Gallons	0	/ 1.493	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8920	08/03/06	1:00 P	08/03/06	3:00 P	1.26 Million Gallons	0	/ 1.261	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
8987	08/27/06	12:01 A	08/27/06	2:00 A	1.73 Million Gallons	0	/ 1.734	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
9127	09/12/06	9:00 P	09/12/06	11:59 P	1.81 Million Gallons	0	/ 1.806	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
9242	10/04/06	7:00 A	10/04/06	5:00 P	4.59 Million Gallons	0	/ 4.592	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
9241	10/11/06	6:30 P	10/11/06	8:00 P	0.74 Million Gallons	0	/ 0.744	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River
9465	12/01/06	7:00 A	12/01/06	11:59 P	25.38 Million Gallons	0	/ 25.374	003 - St. Clair River *** 005 - Black River *** 014 - St. Clair River *** 015 - St. Clair River *** 017 - St. Clair River *** 024 - St. Clair River

Summary for Port Huron :

18 of 18 Events with a Reported Volume

Total CSO Volume Reported: 73.669 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Port Huron

County: St Clair

Permit Designated Name: Port Huron WWTP

Control Program:

Long Term Control Program Due Date: 12/31/1999

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program (sewer separation project) being implemented; Director's Final Order (issued 2/19/98) & permit include schedule requiring elimination of all overflow outfalls by Dec. 31, 2012 (the City has recently requested a 4 year schedule extension, that is currently under Department review); several outfalls and the associated overflows have already been eliminated through sewer separation construction.

River Rouge

County: Wayne

Permit Designated Name: River Rouge CSO

Reported Events:

EventID	Start Date/Time	End Date/Time	Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8642	03/13/06 9:45 A	03/13/06 11:50 A	0.236 Million Gallons	0.236 / 0	001 - Rouge River
8634	05/11/06 1:45 A	05/11/06 7:45 A	5.209 Million Gallons	5.209 / 0	001 - Rouge River
8914	07/27/06 8:30 A	07/27/06 12:45 P	8.964 Million Gallons	8.964 / 0	001 - Rouge River
9262	10/17/06 11:15 A	10/17/06 11:26 A	0.0936 Million Gallons	0.094 / 0	001 - Rouge River
9479	12/01/06 5:25 A	12/01/06 7:30 P	3.985 Million Gallons	3.985 / 0	001 - Rouge River

Summary for River Rouge :

5 of 5 Events with a Reported Volume

Total CSO Volume Reported: 18.488 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

River Rouge

County: Wayne

Permit Designated Name: River Rouge CSO

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Enforcement

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program has been implemented; the program included a retention/treatment basin to provide adequate treatment of all combined sewer overflows (the facility went "on-line" and began treating overflows in 1999); remaining corrective projects have been completed and the project has been certified.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Saginaw

County: Saginaw

Permit Designated Name: Saginaw WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
7341	01/13/06	2:02 P	01/14/06	5:04 A	23.4 Million Gallons	23.4	/ 0	003R - Saginaw River *** 005R - Saginaw River *** 007R - Saginaw River
7618	01/29/06	9:04 A	01/29/06	11:59 P	34 Million Gallons	34	/ 0	003R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 037R - Saginaw River
8017	02/17/06	2:38 A	02/17/06	7:24 A	0.5 Million Gallons	0.5	/ 0	003R - Saginaw River
8055	03/09/06	7:50 A	03/10/06	12:00 A	37.4 Million Gallons	37.4	/ 0	003R - Saginaw River *** 006R - Saginaw River
8263	03/10/06	12:01 A	03/10/06	11:50 P	75.16 Million Gallons	75.16	/ 0	003R - Saginaw River *** 004R - Saginaw River *** 005R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 037R - Saginaw River
8070	03/13/06	3:28 A	03/14/06	2:30 P	88.1 Million Gallons	88.1	/ 0	003R - Saginaw River *** 004R - Saginaw River *** 005R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 037R - Saginaw River
8373	05/11/06	12:30 A	05/11/06	6:11 P	74.05 Million Gallons	74.05	/ 0	003R - Saginaw River *** 004R - Saginaw River *** 005R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 011R - Saginaw River *** 037R - Saginaw River
8603	05/30/06	9:05 P	05/31/06	2:10 A	6.6 Million Gallons	6.6	/ 0	003R - Saginaw River *** 037R - Saginaw River
8604	05/31/06	7:06 P	05/31/06	9:31 P	4 Million Gallons	4	/ 0	003R - Saginaw River
8675	06/21/06	12:25 P	06/21/06	3:10 P	6.1 Million Gallons	6.1	/ 0	003R - Saginaw River *** 007R - Saginaw River
8824	06/28/06	2:45 P	06/28/06	6:25 P	7.61 Million Gallons	7.61	/ 0	004R - Saginaw River *** 007R - Saginaw River *** 011R - Saginaw River

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Saginaw

County: Saginaw

Permit Designated Name: Saginaw WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8823	07/11/06	8:51 P	07/12/06	8:40 A	82.39 Million Gallons	82.38999 / 0	003R - Saginaw River *** 004R - Saginaw River *** 005R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 011R - Saginaw River *** 037R - Saginaw River
9143	08/26/06	6:20 P	08/27/06	1:39 A	80.57 Million Gallons	80.57001 / 0	003R - Saginaw River *** 004R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 011R - Saginaw River *** 037R - Saginaw River
9174	09/23/06	8:31 P	09/23/06	11:58 P	12 Million Gallons	12 / 0	003R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 011R - Saginaw River
9217	10/04/06	5:07 A	10/04/06	7:16 P	67.85 Million Gallons	67.85001 / 0	003R - Saginaw River *** 004R - Saginaw River *** 005R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 011R - Saginaw River *** 037R - Saginaw River
9428	11/30/06	5:08 A	11/30/06	8:35 P	29.52 Million Gallons	29.52 / 0	003R - Saginaw River *** 007R - Saginaw River
9437	12/01/06	8:33 A	12/01/06	11:59 P	117.99 Million Gallons	117.99 / 0	003R - Saginaw River *** 004R - Saginaw River *** 005R - Saginaw River *** 006R - Saginaw River *** 007R - Saginaw River *** 037R - Saginaw River

Summary for Saginaw :

17 of 17 Events with a Reported Volume

Total CSO Volume Reported: 747.24 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Saginaw

County: Saginaw

Permit Designated Name: Saginaw WWTP

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; upgrades for two of the "RTBs" (Weiss St. RTB & 14th St. RTB) in order to provide for adequate treatment of all overflows has been completed; in accordance with the permit & approved program, permittee is re-conducting a Retention/Treatment Basin Evaluation Studies for the "East Side" system and "West Side" system to determine whether these facilities provide adequate treatment and whether facility upgrade will be required; the original studies were not approvable.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Saginaw Township

County: Saginaw

Permit Designated Name: Saginaw Twp WWTP

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
7462	01/13/06	11:53 A	01/14/06	4:12 P	1.835 Million Gallons	1.835 / 0	003 - Tittabawassee River
7743	01/29/06	12:00 P	01/31/06	8:00 P	10.931 Million Gallons	10.931 / 0	003 - Tittabawassee River
8261	03/09/06	10:30 A	03/16/06	7:30 P	57.8 Million Gallons	57.8 / 0	003 - Tittabawassee River
8391	05/11/06	7:15 A	05/12/06	8:00 A	6.017 Million Gallons	6.017 / 0	003 - Tittabawassee River
8605	05/30/06	7:30 P	06/01/06	8:00 A	10.682 Million Gallons	10.682 / 0	003 - Tittabawassee River
9144	08/26/06	7:45 P	08/27/06	8:00 A	5.036 Million Gallons	5.036 / 0	003 - Tittabawassee River
9227	10/04/06	8:00 A	10/05/06	12:30 P	7.529 Million Gallons	7.529 / 0	003 - Tittabawassee River
9433	11/30/06	7:00 P	12/04/06	11:00 P	23.291 Million Gallons	23.291 / 0	003 - Tittabawassee River

Summary for Saginaw Township : **8 of 8 Events with a Reported Volume** **Total CSO Volume Reported: 123.121 Million Gallons**

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Saginaw Township

County: Saginaw

Permit Designated Name: Saginaw Twp WWTP

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program complete; existing retention/treatment basin provides adequate treatment to meet Water Quality Standards at times of discharge.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

South Macomb Sanitary District

County: Macomb

Permit Designated Name: Martin RTB

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
7346	01/18/06	2:30 A	01/18/06	4:15 P	8.55 Million Gallons	8.55	/ 0	001 - Lake St. Clair
7361	01/21/06	7:55 A	01/21/06	5:20 P	5.74 Million Gallons	5.74	/ 0	001 - Lake St. Clair
7741	02/04/06	6:26 P	02/05/06	6:30 P	22.95 Million Gallons	22.95	/ 0	001 - Lake St. Clair
8000	02/17/06	2:00 A	02/17/06	7:30 P	29.63 Million Gallons	29.63	/ 0	001 - Lake St. Clair
8097	03/13/06	11:20 A	03/13/06	11:00 P	17.75 Million Gallons	17.75	/ 0	001 - Lake St. Clair
8364	05/11/06	4:00 A	05/11/06	1:35 P	19.37 Million Gallons	19.37	/ 0	001 - Lake St. Clair
8415	05/16/06	1:15 A	05/16/06	9:47 A	12.31 Million Gallons	12.31	/ 0	001 - Lake St. Clair
8687	06/22/06	12:05 A	06/22/06	5:55 A	9.78 Million Gallons	9.78	/ 0	001 - Lake St. Clair
9456	12/01/06	3:00 A	12/02/06	12:30 A	50.54 Million Gallons	50.54	/ 0	001 - Lake St. Clair

Summary for South Macomb Sanitary Distr 9 of 9 Events with a Reported Volume Total CSO Volume Reported: 176.62 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

South Macomb Sanitary District

County: Macomb

Permit Designated Name: Martin RTB

Control Program:

Long Term Control Program Due Date: Submitted

Implementation status of U.S.

Long Term Control Required by: Permit

EPA's Nine Minimum Controls: Implemented

Long Term Control Program Status: Implemented

Long-term Control Program has been completed; program & permit required 3-phase sewer construction project designed to reduce wet-weather flow quantities directed to the retention/treatment basin (RTB); permit also required submittal of RTB Evaluation Study to determine whether adequate treatment is provided to meet Water Quality Standards (the results of the study were ultimately approved on Jan. 31, 2007); the actual construction phase of the current project is complete; there are no "uncontrolled" (i.e., untreated) CSO outfalls associated with this permittee/program.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Southgate / Wyandotte **County: Wayne** **Permit Designated Name: Southgate/Wyandotte CSO RTF**

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
8631	01/15/06	2:07 P	01/15/06	2:25 P	0.795 Million Gallons	0.795 / 0	001 - Detroit River (Trenton Channel)
8624	01/17/06	2:25 P	01/21/06	9:25 P	80.85 Million Gallons	80.85 / 0	001 - Detroit River (Trenton Channel)
8625	01/29/06	11:30 A	01/30/06	12:45 P	8.625 Million Gallons	8.625 / 0	001 - Detroit River (Trenton Channel)
8626	02/03/06	8:00 P	02/06/06	8:10 A	76.93 Million Gallons	76.93 / 0	001 - Detroit River (Trenton Channel)
8627	02/16/06	12:00 A	02/17/06	8:30 P	51.285 Million Gallons	51.29 / 0	001 - Detroit River (Trenton Channel)
8628	03/09/06	10:30 A	03/15/06	1:25 A	104.296 Million Gallons	104.3 / 0	001 - Detroit River (Trenton Channel)
8629	04/07/06	8:15 A	04/07/06	10:55 P	32.358 Million Gallons	32.358 / 0	001 - Detroit River (Trenton Channel)
8630	04/12/06	5:15 P	04/13/06	1:20 A	5.25 Million Gallons	5.25 / 0	001 - Detroit River (Trenton Channel)
8623	04/21/06	10:30 P	04/23/06	6:40 A	30.9 Million Gallons	30.9 / 0	001 - Detroit River (Trenton Channel)
8434	05/10/06	10:45 P	05/18/06	9:40 A	183.6 Million Gallons	183.6 / 0	001 - Detroit River (Trenton Channel)

Summary for Southgate / Wyandotte : **10 of 10 Events with a Reported Volume** **Total CSO Volume Reported: 574.889 Million Gallons**

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Southgate / Wyandotte

County: Wayne

Permit Designated Name: Southgate/Wyandotte CSO RTF

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program currently considered complete (existing retention/treatment facility); reissued permit requires a Water Quality Study (due July 1, '07) for a determination of whether the facility provides adequate treatment of all overflows; Long-term Control Program for facility upgrade and provisions for adequate treatment may be required in the future.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

St. Joseph

County: Berrien

Permit Designated Name: St. Joseph CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
8058	03/10/06	12:45 A	03/10/06	3:45 A	0.186 Million Gallons	0	/ 0.186	005 - St. Joseph River (Morrison Channel)
8619	06/07/06	1:50 A	06/07/06	3:55 A	Unspecified	Unspecified	/ Unspecified	005 - St. Joseph River (Morrison Channel)
8815	07/14/06	12:10 P	07/14/06	12:55 P	0.0307 Million Gallons	0	/ 0.0307	005 - St. Joseph River (Morrison Channel)
8822	07/18/06	2:03 A	07/18/06	2:35 A	0.0087 Million Gallons	0	/ 0.0087	005 - St. Joseph River (Morrison Channel)
8910	08/02/06	10:27 P	08/02/06	10:49 P	0.003 Million Gallons	0	/ 0.003	005 - St. Joseph River (Morrison Channel)
8983	08/18/06	10:45 P	08/19/06	12:40 A	0.064 Million Gallons	0	/ 0.064	005 - St. Joseph River (Morrison Channel)
8984	08/19/06	1:20 P	08/19/06	3:05 P	0.227 Million Gallons	0	/ 0.227	005 - St. Joseph River (Morrison Channel)
8993	08/23/06	8:10 P	08/24/06	11:20 A	2.288 Million Gallons	0	/ 2.28	005 - St. Joseph River (Morrison Channel)
9006	08/28/06	11:52 A	08/29/06	12:03 A	0.977 Million Gallons	0	/ 0.977	005 - St. Joseph River (Morrison Channel)
9209	10/02/06	9:30 A	10/02/06	10:50 A	0.0561 Million Gallons	0	/ 0.0561	005 - St. Joseph River (Morrison Channel)
9471	12/01/06	6:30 A	12/01/06	9:15 A	0.078 Million Gallons	0	/ 0.078	005 - St. Joseph River (Morrison Channel)
9556	12/22/06	10:25 A	12/22/06	1:10 P	0.064 Million Gallons	0	/ 0.064	005 - St. Joseph River (Morrison Channel)

Summary for St. Joseph :

11 of 12 Events with a Reported Volume

Total CSO Volume Reported: 3.982 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

St. Joseph

County: Berrien

Permit Designated Name: St. Joseph CSO

Control Program:

Long Term Control Program Due Date: Submitted

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program approved; program requires elimination of overflows through reduction of flows (via sewer rehabilitation, infiltration/inflow removal, etc.) and transport of all flows to the wastewater treatment plant; permit & approved program require completion of construction by 2013.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Wayne Co / Dearborn Heights

County: Wayne

Permit Designated Name: Wayne Co/Dearborn Heights CS

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
8963	05/31/06	8:30 P	06/01/06	12:15 A	10.182 Million Gallons	0.95	/ 9.232	001 - Rouge River, Middle Branch *** L43 - Rouge River, Lower Branch *** M13 - Rouge River, Middle Branch *** M14 - Rouge River, Middle Branch *** U1 - Rouge River, Upper Branch
8912	07/26/06	10:00 A	07/26/06	10:00 P	1.945 Million Gallons	0.185	/ 1.76	001 - Rouge River, Middle Branch *** L43 - Rouge River, Lower Branch *** M13 - Rouge River, Middle Branch *** M14 - Rouge River, Middle Branch *** U1 - Rouge River, Upper Branch
9154	09/13/06	5:07 P	09/13/06	5:27 P	3.785 Million Gallons	1.328	/ 2.457	001 - Rouge River, Middle Branch *** L43 - Rouge River, Lower Branch *** M13 - Rouge River, Middle Branch *** M14 - Rouge River, Middle Branch *** U1 - Rouge River, Upper Branch
9478	12/01/06	12:45 P	12/01/06	4:15 P	1.94 Million Gallons	0.181	/ 1.759	001 - Rouge River, Middle Branch *** L43 - Rouge River, Lower Branch *** M13 - Rouge River, Middle Branch *** M14 - Rouge River, Middle Branch *** U1 - Rouge River, Upper Branch

Summary for Wayne Co / Dearborn Heights

4 of 4 Events with a Reported Volume

Total CSO Volume Reported: 17.852 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Wayne Co / Dearborn Heights

County: Wayne

Permit Designated Name: Wayne Co/Dearborn Heights CS

Control Program:

Long Term Control Program Due Date: 7/1/2000

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being revised; construction of retention/treatment basin is complete & facility is "on-line" and the Department agrees that the RTB protects public health, eliminates raw sewage, protects the physical characteristics standard, and does not impact biological communities. An evaluation of the RTB discharges on the dissolved oxygen standard has been submitted and is under Department review. Outfalls M18 & M19 have been eliminated and certified by Dec. '05 (flow has been directed to the existing RTB). The permit requires control of the other 4 outfalls by Oct. '08 (discharges from these outfalls are being considered for inclusion in a proposed, regional CSO storage facility). Dearborn Heights has decided to be part of the DWSD Upper Rouge CSO Capture Tunnel (URT) for three of these outfalls, and will need a revised schedule in its reissued permit that is consistent with the schedule DWSD's schedule for the URT.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Wayne Co / Inkster

County: Wayne

Permit Designated Name: Wayne Co/Inkster CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)	Point(s) of Discharge
9838	02/04/06	9:00 P	02/04/06	9:30 P	4.539 Million Gallons	0 / 4.539	009 - Rouge River, Lower Branch *** 10 - Rouge River, Lower Branch *** L46 - Rouge River, Lower Branch *** L49 - Rouge River, Lower Branch
9839	03/13/06	6:50 A	03/13/06	11:10 A	2.534 Million Gallons	0 / 2.534	009 - Rouge River, Lower Branch *** 10 - Rouge River, Lower Branch *** L46 - Rouge River, Lower Branch *** L49 - Rouge River, Lower Branch
8633	05/11/06	1:30 A	05/11/06	4:00 A	5.676 Million Gallons	1.505 / 4.171	001 - Rouge River, Lower Branch *** 009 - Rouge River, Lower Branch *** 10 - Rouge River, Lower Branch *** L46 - Rouge River, Lower Branch *** L49 - Rouge River, Lower Branch
8819	07/12/06	2:35 A	07/12/06	3:10 A	0.698 Million Gallons	0.172 / 0.526	001 - Rouge River, Lower Branch *** 009 - Rouge River, Lower Branch *** 10 - Rouge River, Lower Branch *** L46 - Rouge River, Lower Branch *** L49 - Rouge River, Lower Branch
8889	07/26/06	7:30 P	07/26/06	9:30 P	4.554 Million Gallons	0.933 / 3.621	001 - Rouge River, Lower Branch *** 009 - Rouge River, Lower Branch *** 10 - Rouge River, Lower Branch *** L46 - Rouge River, Lower Branch *** L49 - Rouge River, Lower Branch
9477	12/01/06	7:00 A	12/01/06	8:00 P	13.221 Million Gallons	4.95 / 8.271	001 - Rouge River, Lower Branch *** 009 - Rouge River, Lower Branch *** 10 - Rouge River, Lower Branch *** L46 - Rouge River, Lower Branch *** L49 - Rouge River, Lower Branch

Summary for Wayne Co / Inkster :

6 of 6 Events with a Reported Volume

Total CSO Volume Reported: 31.222 Million Gallons

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Wayne Co / Inkster

County: Wayne

Permit Designated Name: Wayne Co/Inkster CSO

Control Program:

Long Term Control Program Due Date: 7/1/2000

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being revised; construction of retention/treatment basin is complete & facility is "on-line" and the Department agrees that the RTB protects public health, eliminates raw sewage, protects the physical characteristics standard, and does not impact biological communities. An evaluation of the RTB discharges on the dissolved oxygen standard has been submitted and is under Department review. 5 CSOs have been eliminated/bulkheaded following sewer separation. The Department has already agreed by letter to a revised correction schedule for control of the remaining untreated outfalls based on the City of Inkster's financial demonstration. This revised schedule will be incorporated into a reissued NPDES permit.

Combined Sewer Overflow (CSO) Detail Report

January 1, 2006 - December 31, 2006

Wayne Co / Redford / Livonia

County: Wayne

Permit Designated Name: Wayne Co/Rdfrd/Livonia CSO

Reported Events:

EventID	Start Date/Time		End Date/Time		Event Volume	Treated vs. Untreated (MG)		Point(s) of Discharge
8965	05/31/06	9:30 P	05/31/06	11:15 P	0.175 Million Gallons	0	/ 0.175	U-10- Rouge River, Bell Branch of Uppper Branch *** U-11- Rouge River, Bell Branch of Uppper Branch *** U-2 - Ashcroft-Sherwood Drain *** U-3 - Rouge River, Bell Branch of Uppper Branch *** U-4 - Rouge River, Bell Branch of Uppper Branch *** U-5 - Rouge River, Bell Branch of Uppper Branch *** U-9 - Rouge River, Bell Branch of Uppper Branch
9517	12/01/06	9:45 A	12/01/06	1:20 P	3.959 Million Gallons	1.1	/ 2.859	001 - Rouge River, Upper Branch *** U-10- Rouge River, Bell Branch of Uppper Branch *** U-11- Rouge River, Bell Branch of Uppper Branch *** U-2 - Ashcroft-Sherwood Drain *** U-3 - Rouge River, Bell Branch of Uppper Branch *** U-4 - Rouge River, Bell Branch of Uppper Branch *** U-5 - Rouge River, Bell Branch of Uppper Branch *** U-9 - Rouge River, Bell Branch of Uppper Branch

Summary for Wayne Co / Redford / Livonia 2 of 2 Events with a Reported Volume Total CSO Volume Reported: 4.134 Million Gallons

Control Program:

Long Term Control Program Due Date: 7/1/2000

Long Term Control Required by: Permit

Long Term Control Program Status: Implemented

Implementation status of U.S.

EPA's Nine Minimum Controls: Implemented

Long-term Control Program being implemented; construction of retention/treatment basin (for elimination of raw sewage & protection of public health) complete & facility is "on-line". The Department agrees that the RTB eliminates raw sewage, protects public health, and protects the physical characteristics standard. A report has been submitted to verify that the RTB protects the dissolved oxygen standard, and is currently under review by the Department. The current permit requires control of the remaining 7 untreated outfalls by Oct. '08, but allows these outfalls to be controlled at a proposed, regional CSO storage facility. Redford has decided to be part of the DWSD Upper Rouge CSO Capture Tunnel (URT), and will need a revised schedule in its reissued permit that is consistent with the DWSD's schedule for the URT.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Adrian

County: Lenawee

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8265	03/13/06	12:00 A	03/13/06	8:00 A	0.06 Million Gallons	Diluted raw sewage	Immediately SW of River, directly E of intersection of Vine and McKenzie (#DO6RI041A, chamber adjacent to manhole at same location). Land: area around manhole, Waterbody: River Raisin *** north side of Beecher St., immediately west of River (manhole #DO6RT046). Land: area around manhole, Waterbody: River Raisin	Two manhole locations at Riverside Park overflowed as a result of a storm event.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Adrian

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge *	Reason for Discharge
8790	06/21/06 12:00 A	06/22/06 2:00 A	0.858 Million Gallons	Diluted raw sewage	W of River, at the W end of Crystal Springs Ave. (manhole, #DO6RT205). Land: area around manhole, Waterbody: River Raisin *** W of River, E of intersection of Water St. and College Ave (manhole). Land: area around manhole, Waterbody: River Raisin *** Lansing St, between Oak St and Treat St, midway (manhole). Land: area around manhole, Waterbody: River Raisin *** SE of river, SW of Grand & Hunt (#EO4WI003). Land: ground around manhole, Waterbody: River Raisin *** E of river, W of Main St., N of Albert St (manhole #EO3DI006). Land: area around manhole, Waterbody: River Raisin *** NW of the intersection of Oakwood Ave and Howell Hwy (manhole #GO2BI005). Land: area around manhole, Waterbody: River Raisin *** S and W of River, S of Maple Ave, E of the Race St./River St. intersection (manhole). Land: area around manhole, Waterbody: River Raisin *** S of Oakwood Ave, E of Howell Hwy, >2 city blocks distance from either road (manhole #HO3BI012). Land: area around manhole, Waterbody: River Raisin *** S and W of River, S of Maple Ave, S and E of the Race St./River St. intersection (manhole EO4RI010). Land: area around manhole, Waterbody: River Raisin ***	Heavy rains resulted in multiple SSOs along the River Raisin in the City of Adrian.

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Adrian

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge *	Reason for Discharge
8816	07/14/06 4:30 P	07/14/06 9:00 P	0.229 Million Gallons	Diluted raw sewage	North side of Beecher St., immediately west of River (manhole #DO6RT046). Land: area around manhole, Waterbody: River Raisin *** S and W of River, S of Maple Ave, S and E of the Race St./River St. intersection (manhole EO4RI010). Land: area around manhole, Waterbody: River Raisin *** W of River, at the W end of Crystal Springs Ave. (manhole, #DO6RT205). Land: area around manhole, Waterbody: River Raisin *** NW of the intersection of Oakwood Ave and Howell Hwy (manhole #GO2BI005). Land: area around manhole, Waterbody: River Raisin *** W of River, E of intersection of Water St. and College Ave (manhole). Land: area around manhole, Waterbody: River Raisin *** immediately N of River, S of Michigan Ave between Park St. and Water St. (manhole DO5RI032). Land: area around manhole, Waterbody: River Raisin *** S and W of River, S of Maple Ave, E of the Race St./River St. intersection (manhole). Land: area around manhole, Waterbody: River Raisin *** E of river, W of Main St., N of Albert St (manhole #EO3DI006). Land: area around manhole, Waterbody: River Raisin *** immediately S of River, S of Maple Ave, between Springbrook Ave and Winter St. (manhole). Land: area around manhole, Waterbody: River	Sanitary sewer overflows occurred at 10 locations along the River Raisin as a result of a storm of 1.671 inches of rain in approximately 45 minutes.

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Adrian

County: Lenawee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge *	Reason for Discharge
9484	12/01/06	6:30 A	12/01/06	1:00 P	0.34 Million Gallons	Diluted raw sewage	Immediately N of River, S of Michigan Ave between Park St. and Water St. (manhole DO5RI032). Land: area around manhole, Waterbody: River Raisin *** SW of River, E of Race St., W of Winter St. (manhole #EO4RI009). Land: area around manhole, Waterbody: River Raisin *** S of Oakwood Ave, E of Howell Hwy, >2 city blocks distance from either road (manhole #HO3BI012). Land: area around manhole, Waterbody: River Raisin *** immediately SW of River, directly E of intersection of Vine and McKenzie (manhole #D06RI041A). Land: area around manhole, Waterbody: River Raisin *** NW of the intersection of Oakwood Ave and Howell Hwy (manhole #GO2BI005). Land: area around manhole, Waterbody: River Raisin *** S and W of River, S of Maple Ave, S and E of the Race St./River St. intersection (manhole EO4RI010). Land: area around manhole, Waterbody: River Raisin *** W of River, at the W end of Crystal Springs Ave. (manhole, #DO6RT205). Land: area around manhole, Waterbody: River Raisin *** north side of Beecher St., immediately west of River (manhole #DO6RT046). Land: area around manhole, Waterbody: River Raisin *** N end of N Broad St. (pump station). Land: area around pump	A storm event of approximately 2 inches of rain within 24 hours caused high flows in the sanitary sewer collection system. This resulted in overflows of dilute raw sewage at ten manhole locations and one lift station.

* See CSO/SSO web site for complete list of points of discharge (http://www.deq.state.mi.us/csosso/find_event.asp)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Adrian

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge *	Reason for Discharge
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Summary for Adrian: 4 of 4 Events with a Reported Volume Total SSO Volume Reported: 1.487 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): W of River, E of intersection of Water St. and College Ave (manhole) *** W of River, at the W end of

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: response adequate

Actions to Prevent Reoccurrence: ongoing sewer rehabilitation

Comments: None entered

Adrian Charter Township

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8791	06/21/06 7:49 P	06/21/06 8:34 P	0.0225 Million Gallons	Diluted raw sewage	Country Club Road lift station (lift station). Land: ground around lift station, Waterbody: Wolf Creek	The lift station lost power due to heavy storms. Heavy rain from the storms elevated flow rates to the lift station. The lift station overflowed to Wolf Creek upstream of Lake Adrian.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Adrian Charter Township

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Adrian Charter Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.023 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Country Club Road lift station (lift station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: installed a temporary portable generator to restore power to lift station; notified power company of power failure at lift station

Comments: None entered

Allan's Park MHP-Fowlerville

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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8989	07/26/06 2:00 P	07/26/06 4:30 P	0.00005 Million Gallons	Raw sewage	Terry Ave between lot 125 & 125. Land: area around manhole, Waterbody: None entered	power outage
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Summary for Allan's Park MHP-Fowlerville: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Allan's Park MHP-Fowlerville

County: Livingston

Ann Arbor

County: Washtenaw

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9007	09/05/06	7:00 A	09/05/06	7:30 A	Unspecified	Raw sewage	Jackson Rd at Park Lake Ave. Land: ground surrounding sewer break, Waterbody: First Sister Lake	Break in 6" forcemain in Lakewood Subdivision resulted in release of raw sewage to storm sewer and First Sister Lake. Unsure when release began; unknown quantity released. Overflow was discovered by contractors Monday morning at 7:00 am.
9136	09/11/06	8:00 A	09/11/06	8:20 A	0.0001 Million Gallons ^a	Raw sewage	GrayLake and Hilltop Rd intersection. Land: None entered, Waterbody: First Sister Lake	6" force main break in Lakewood Subdivision near intersection of GrayLake and Hilltop Roads resulted in release of raw sewage to storm sewer and First Sister Lake. Overflow was discovered by contractors Monday morning at 8:00 am.
9178	09/25/06	12:00 A	09/25/06	7:30 A	0.0005 Million Gallons ^g	Raw sewage	Jackson Rd at Park Lake Ave. Land: ground surrounding sewer break, Waterbody: First Sister Lake	Force main break at Parklake and Jackson Road resulted in discharge of raw sewage to First Sister Lake. Unsure of exact time discharge began. Volume of discharge is estimated.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Ann Arbor

County: Washtenaw

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9480	11/27/06 7:00 A	11/27/06 7:30 A	0.0005 Million Gallons ^a	Raw sewage	Wastewater treatment plant storm sewer. Land: ground at point of overflow and storm sewer, Waterbody: none	Raw sewage overflow at WWTP from primary scum well due to failure of tank level sensors which control the pumps. Discharge to roadway and on-site storm sewer. No release to river occurred.
9473	12/05/06 11:10 P	12/06/06 12:00 A	0.0005 Million Gallons ^a	Raw sewage	Jackson Rd, west of Maple. Land: ground surrounding force main break, Waterbody: Allen Creek	Sewer force main break at Jackson Ave, west of Maple St., resulted in discharge of raw sewage to storm sewer which discharged to Allen Creek.

Summary for Ann Arbor: 4 of 5 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Wastewater treatment plant, outfall 001

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluated local response; Response adequate.

Actions to Prevent Reoccurrence: Actions taken to restore UV disinfection as soon as possible

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Ann Arbor

County: Washtenaw

Comments: None entered

Associated Outfall(s): GrayLake and Hilltop Rd intersection *** Jackson Rd, west of Maple *** Jackson Rd at Park Lake Ave *

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Recorded event information

Actions to Prevent Reoccurrence: Force Main repaired

Comments: None entered

Associated Outfall(s): Wastewater treatment plant storm sewer

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Recorded event information; continuing to monitor compliance

Actions to Prevent Reoccurrence: Discharge to storm sewer ceased as soon as possible.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Arbor Village Mobile Home Community

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8109	03/13/06 3:00 P	03/13/06 6:00 P	0.0025 Million Gallons	Diluted raw sewage	Cabot Drive and West Circle Drive (lift station). Land: Area near manhole and lift station, Waterbody: None entered	Wastewater from a mobile home park. Plugged between the last manhole and the lift station which Spring Arbor Township maintains. Lift station was working fine but there was a blockage in the line.

Summary for Arbor Village Mobile Home Co: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Cabot Drive and West Circle Drive (lift station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Reviewed the response and determined it was adequate.

Actions to Prevent Reoccurrence: Cleaned out lines.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Battle Creek

County: Calhoun

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8046	03/04/06	1:00 P	03/04/06	1:30 P	0.000025 Million Gallons	Raw sewage	Corner of Morgan and Miller roads (Manhole). Land: ~50 ft. of curb and gutter along Morgan Road, Waterbody: None entered	Plugged sanitary sewer - tree roots caused a blockage
8245	04/02/06	3:30 P	04/02/06	5:00 P	0.002 Million Gallons	Raw sewage	Two track road on USMC reserve training grounds. Land: 1/4 mile of 2-track road on training area, Waterbody: None entered	Manhole sewer backup due to tree roots plugging sewer.
8264	04/08/06	2:55 P	04/08/06	3:40 P	0.0004 Million Gallons	Raw sewage	Corner of Dickman and Carl Ave. Land: Approximately 100 s.f. near corner and 500sf curb., Waterbody: Kalamazoo River	Plugged sanitary sewer approximately 250 feet east of Dickman and Carl caused two manholes to back up into the street
8289	04/24/06	6:00 P	04/24/06	6:35 P	0.000025 Million Gallons	Raw sewage	Corner of Hopkins and Capital NE. Land: Street around manhole and curblin, Waterbody: Kalamazoo River	Blocked/plugged sanitary sewer caused manhole to overflow to the street
8618	06/08/06	6:00 P	06/08/06	7:05 P	0.000025 Million Gallons	Raw sewage	Corner of Capital and Columbia (Cleanout from Taco Bell). Land: Approximately 5 s.f. by cleanout and 100 ft. of curb, Waterbody: Kalamazoo River	Blocked lateral from restaurant caused an overflow from the cleanout.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Battle Creek

County: Calhoun

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8708	06/22/06	12:00 P	06/22/06	8:30 P	0.0002 Million Gallons	Raw sewage	Kistler Road lift station. Land: None entered, Waterbody: Beadle Lake	During an upgrade on the Kistler Liftstation, two new joints failed and had to be replaced.
8713	06/28/06	9:00 P	06/28/06	10:15 P	0.0002 Million Gallons	Raw sewage	2167 W. Columbia Ave (Burger King) (Lateral from Burger King). Land: Approximately 100 square feet of BK parking lot., Waterbody: Kalamazoo River	Plugged lateral from 2167 W. Columbia Ave. (Burger King) caused an overflow from their cleanouts.
8972	08/08/06	10:00 A	08/08/06	10:30 A	0.003 Million Gallons	Raw sewage	Lift Station #633 (Ft Custer area at Tecumseh St). Land: None entered, Waterbody: Spring Brook	During the cleaning of the wet well at Lift station 633, the rear gate on the vac truck failed, opened and discharged 3000 gallons of sanitary sewage on the ground.
8978	08/16/06	12:00 A	08/16/06	11:30 A	0.000225 Million Gallons	Raw sewage	End of Pepper Ave. Land: Approximately 400 sq. ft. around manhole, Waterbody: Waubascom Creek	Plugged sewer caused a sanitary sewer overflow
9324	11/14/06	9:30 A	11/14/06	10:30 A	0.0002 Million Gallons	Raw sewage	1025 East Michigan (Lift station near address). Land: Yes, Waterbody: none	The pumps at the 1025 E. Michigan Ave. Lift Station were inadvertently left off during the routine inspection at the station. This caused the wet well to fill up and overflow.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Battle Creek

County: Calhoun

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Battle Creek: 10 of 10 Events with a Reported Volume Total SSO Volume Reported: 0.006 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Corner of Dickman and Carl Ave.

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Sewer was Televised and they discovered a sign post had been driven into the sewer line. This was removed and the sewer repaired.

Comments: None entered

Associated Outfall(s): Kistler Road lift station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: repaired sewer line

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Battle Creek

County: Calhoun

Associated Outfall(s): 1025 East Michigan (Lift station near address)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Repaired lift station

Comments: None entered

Associated Outfall(s): Lift Station #633 (Ft Custer area at Tecumseh St) *** Corner of Dickman and Carl Ave. *** Corner of

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: cleaned sewer

Comments: None entered

Associated Outfall(s): Lift Station #633 (Ft Custer area at Tecumseh St)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Cleaned up overflow on land

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Battle Creek

County: Calhoun

Comments: None entered

Associated Outfall(s): Kistler Road lift station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Repaired generator

Comments: None entered

Associated Outfall(s): Kistler Road lift station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Pumped out lift station

Comments: None entered

Associated Outfall(s): Lift Station #633 (Ft Custer area at Tecumseh St)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Battle Creek

County: Calhoun

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Monitor more frequently

Comments: None entered

Bay County

County: Bay

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8110	03/13/06	7:40 A	03/14/06	3:10 A	1.045 Million Gallons	Partially treated sewage	Wastewater treatment plant grounds (near Primary Treatment Building). Land: Plant grounds, Waterbody: None entered	Snow melt and Rain
8278	04/19/06	11:05 A	04/19/06	12:24 P	0.0005 Million Gallons	Raw sewage	181 North Huron Road 0.25 Miles north of Linwood Road (Air relief Valve). Land: No, Waterbody: Saginaw River	Failed Air relief valve on sewer force main.
8432	05/24/06	2:07 P	05/24/06	3:00 P	0.00025 Million Gallons	Raw sewage	181 North Huron Road 0.25 Miles north of Linwood Road (Air relief Valve). Land: No, Waterbody: Saginaw River	Failed air relief valve. Sewage was discharged from Manhole structure to ground.
9199	07/19/06	11:30 A	07/19/06	11:50 A	Unspecified	Raw sewage	2200 West Salzburg Rd., Bay County (Force main Break). Land: yes, Waterbody: None entered	force main break at pump station

Summary for Bay County:

3 of 4 Events with a Reported Volume

Total SSO Volume Reported: 1.046 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Bay County

County: Bay

Outfall Corrective Actions: (No corrective actions entered)

Benton Charter Township

County: Berrien

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8034	02/28/06 2:00 P	03/02/06 5:40 P	0.59 Million Gallons	Raw sewage	North Shore Drive bridge over the Paw Paw River in Benton Harbor. Land: none, Waterbody: Paw Paw River	Construction damaged the new river crossing on the bridge on North Shore Drive, resulting in a sewer leak. Temporary Bypass line activated, but leaked. Second emergency bypass built and leak stopped on 3/2/06.

Summary for Benton Charter Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.59 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): North Shore Drive bridge over the Paw Paw River in Benton Harbor (North Shore Drive bridge over the

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Monitor progress of repairs.

Actions to Prevent Reoccurrence: Repair the broken river crossing.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Benton Harbor

County: Berrien

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8658	05/24/06 12:01 A		Unspecified	Raw sewage	Elisa Gray Lift Station - 1320 Paw Paw Ave. (Lift station power failure). Land: Bowater Nuway property, Waterbody: None entered	Location is the sewage pumping station at the corner of Paw Paw Street and Enterprise Street. Pump failure on 5/24/06 apparently caused upstream manhole to back up. A bypass was installed around the damaged pump and back into the pump station

Summary for Benton Harbor:

0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions: (No corrective actions entered)

Bessemer Township

County: Gogebic

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8243	03/31/06 1:00 A	03/31/06 3:30 A	0.021 Million Gallons	Raw sewage	Ramsay Park lift station. Land: None entered, Waterbody: Black River	Rain and seasonal snowmelt overloaded the system. Heavy rainstorm and winds resulted in a power outage.
8892	07/30/06 4:30 A	07/30/06 7:30 A	0.0252 Million Gallons	Raw sewage	Overflow into Black River. Land: None, Waterbody: Black River	Heavy rainfall

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Bessemer Township

County: Gogebic

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
Summary for Bessemer Township:			2 of 2 Events with a Reported Volume	Total SSO Volume Reported: 0.046 Million Gallons		

Outfall Corrective Actions:

Associated Outfall(s): Overflow into Black River

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Entered into a District Compliance Agreement

Actions to Prevent Reoccurrence: Initiate sewer system study

Comments: None entered

Big Rapids

County: Mecosta

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8116			0.0001 Million Gallons	Raw sewage	Intersection of N. State St. US 131 BR and the south side of Mitchell Creek (Manhole #204). Land: Area surrounding manhole #204, Waterbody: Mitchell Creek	No good evidence why. Sewer main seems to be running a little higher than normal.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Big Rapids

County: Mecosta

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Big Rapids: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Intersection of N. State St. US 131 BR and the south side of Mitchell Creek (Manhole #204)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Asked city to evaluate upstream users (e.g. restaurants)

Actions to Prevent Reoccurrence: None entered

Comments: None entered

Associated Outfall(s): Intersection of N. State St. US 131 BR and the south side of Mitchell Creek (Manhole #204)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: None at this time

Actions to Prevent Reoccurrence: Will televise sewer main and clean if required

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Bingham Township

County: Clinton

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9071	08/08/06	10:30 A	08/08/06	12:00 P	0.0005 Million Gallons	Raw sewage	The Meadows MHP. Land: Lot # 227, Waterbody: None entered	Residence sawed off sewer line

Summary for Bingham Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Bloomfield Hills

County: Oakland

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8105	03/13/06	3:45 P	03/13/06	5:15 P	Unspecified	Raw sewage	MHBLT089105. Land: Dirt road adjacent to manhole, Waterbody: Swamp adjacent to manhole	Plugged sewer
9142	09/14/06	10:50 A	09/14/06	1:55 P	0.0004 Million Gallons	Raw sewage	Manhole BLT054502 (Private Sewer). Land: Area adjacent to manhole, Waterbody: None	Plugged sewer.

Summary for Bloomfield Hills: 1 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.0004 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Bloomfield Hills

County: Oakland

Outfall Corrective Actions:

Associated Outfall(s): Manhole BLT054502 (Private Sewer) *** MHBLT089105

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: No further action is required at this time.

Actions to Prevent Reoccurrence: Entity performs regular preventative maintenance.

Comments: None entered

Boyne City

County: Charlevoix

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7127	01/03/06	8:00 A	01/03/06	8:45 A	0.0005 Million Gallons ¹	Raw sewage	South Lake and Ray Streets (Sanitary Manhole). Land: None entered, Waterbody: Lake Charlevoix	Overflow from a sanitary manhole due to sewer main blockage caused by grease build-up.

Summary for Boyne City: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Brighton

County: Livingston

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9049	08/23/06	12:30 P	08/23/06	1:30 P	0.0005 Million Gallons	Raw sewage	W Grand River Ave near Brighton Mill Pond. Land: None entered, Waterbody: Brighton Mill Pond	partially plugged sewer line
9176	08/23/06	12:30 P	08/23/06	1:30 P	0.0005 Million Gallons	Diluted raw sewage	West Grand River Ave (300 feet SE of Cross Street). Land: 10 feet radius on manhole, Waterbody: None entered	Partly plugged sanitary sewer line

Summary for Brighton:

2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Buena Vista Township

County: Saginaw

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8100	03/14/06	4:00 A	03/14/06	2:00 P	0.216 Million Gallons	Partially treated sewage	Outfall 002 (SSO at WWTP). Land: None entered, Waterbody: Gage Drain	I/I due to snow melt and rain
9434	12/01/06	2:30 P			Unspecified	Partially treated sewage	Outfall 002 (SSO at WWTP). Land: None entered, Waterbody: Gage Drain	Excessive rainfall caused discharge to Saginaw River and basement floodings.

Summary for Buena Vista Township:

1 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.216 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Buena Vista Township

County: Saginaw

Outfall Corrective Actions:

Associated Outfall(s): Outfall 002 (SSO at WWTP) *** Outfall 002 (SSO at WWTP)

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: (no entry)

Comments: SSO Volumes and Rainfall amounts: 0.004 mg and 0.35" on 2/9/01, 3.50 mg and 1.40" on 2/10/01, 0.91 mg and 0.0" on 2/11/01, 0.05 mg and 0.0" on 2/12/01

Caledonia Township

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8870	07/24/06	8:30 A	07/24/06	2:30 P	0.0015 Million Gallons	Raw sewage	Manhole 250 yards south of southern end of Rainbows End Drive in Jasonville Farms (Manhole Lid). Land: Area around manhole lid, Waterbody: None entered	An inflatable test plug was left in the sewer by the contractor following infiltration/exfiltration air testing conducted before the sewer was put into service.
9222	09/25/06	8:30 A	09/25/06	3:30 P	0.000025 Million Gallons	Raw sewage	7434 McCords Avenue (Forcemain for grinder station). Land: Area around grinder station, Waterbody: None entered	Forcemain leak.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Caledonia Township

County: Kent

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Caledonia Township: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 7434 McCords Avenue (Forcemain for grinder station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time.

Actions to Prevent Reoccurrence: Repaired the forcemain.

Comments: None entered

Associated Outfall(s): Manhole 250 yards south of southern end of Rainbows End Drive in Jasonville Farms (Manhole Lid)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: Jetted sewer line and removed plug

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Cassopolis

County: Cass

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8240	03/30/06	9:56 A	03/30/06	10:06 A	0.0015 Million Gallons	Raw sewage	Shore Acres at Dimond Lake (Sewer overflow). Land: None entered, Waterbody: Diamond Lake	Plugged sewer west of 21316 Shore Acres. City unplugged it promptly upon discovery and normal operation was restored.

Summary for Cassopolis: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Center Line

County: Macomb

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9141	09/13/06	5:20 P	09/13/06	9:30 P	0.7 Million Gallons	Diluted raw sewage	Center Line Lift Station (Wet Weather inflow & infiltration). Land: None, Waterbody: Clinton River	Sewer overflow due to heavy rain which exceeded 100 Yr/a Hr event , total rainfall of 3.5" just below 25 yr-24 hr storm. The overflow was exacerbated by rags & debris obstructing all primary pump impellers.
9468	11/30/06	3:55 P	12/01/06	4:30 P	0.333 Million Gallons	Raw sewage	SW corner of Stephens and Van Dyke Road. Land: None entered, Waterbody: Lorraine Drain (tributary to Bear Creek)	The sewer overflow was due to 2" rainfall in dormant growth season. The overflow may have been exacerbated by calibration issues on the new mag meter & depth measurement device.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Center Line

County: Macomb

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Center Line:

2 of 2 Events with a Reported Volume Total SSO Volume Reported: 1.033 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Center Line Lift Station (Wet Weather inflow & infiltration) *** SW corner of Stephens and Van Dyke

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: City is under a CAP with completion by 9/30/2009 **Schedule of Compliance Approved by MDEQ:** Yes

Actions by MDEQ: MDEQ entered into and ACO with the city for correction.

Actions to Prevent Reoccurrence: I/I removal and other corrective actions needed.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Chain of Lakes Sewer Authority

County: Newaygo

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8047	03/06/06	8:00 A	03/06/06	12:00 P	0.00018 Million Gallons	Raw sewage	4635 Lakeshore Dr, Sylvan Lake. Land: Soils around leak, Waterbody: None entered	Broken PVC nipple on discharge line from grinder pump station. Original caller was Cheryl Marty who called PEAS. I called COLA and Scott Wilson told me he became aware of SSO 7:00 am 3/6/06.
8232	03/20/06	10:00 A	03/20/06	10:20 A	0.00005 Million Gallons	Raw sewage	281 Sawyer. Land: area near home, grinder station, Waterbody: None entered	Circuit breaker inside grinder pump station control panel is "off" position. Alarm switch also in "off" position. Overflow occurred from top of grinder pump station.

Summary for Chain of Lakes Sewer Authority: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.00023 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 4635 Lakeshore Dr, Sylvan Lake *** 281 Sawyer

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Electricity/alarms in pump set back to on position

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Chain of Lakes Sewer Authority

County: Newaygo

Comments:	Operators are reporting that some of the stations appear to have been vandalized. Electricity and/or alarms have been turned off. Locks have been clipped off.
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Associated Outfall(s):	4635 Lakeshore Dr, Sylvan Lake
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Corrective Action(s) Complete: (repairs/modifications complete)	Yes
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Schedule of Compliance:	None entered
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Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ:	none
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Actions to Prevent Reoccurrence:	grinder pump repaired
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Comments:	None entered
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Associated Outfall(s):	4635 Lakeshore Dr, Sylvan Lake
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Corrective Action(s) Complete: (repairs/modifications complete)	Yes
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Schedule of Compliance:	None entered
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Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ:	No action required
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Actions to Prevent Reoccurrence:	Line repaired
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Comments:	None entered
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Associated Outfall(s):	281 Sawyer
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Corrective Action(s) Complete: (repairs/modifications complete)	Yes
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Schedule of Compliance:	None entered
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Schedule of Compliance Approved by MDEQ: No

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Chain of Lakes Sewer Authority

County: Newaygo

Actions by MDEQ: NL-001296

Actions to Prevent Reoccurrence: Notice letter NL-001296 reiterated reporting requirements, required procedures

Comments: None entered

Chesaning

County: Saginaw

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8078	03/13/06	6:30 A	03/13/06	8:55 A	0.010617 Million Gallons	Diluted raw sewage	#004 Pine and Front Streets (manhole at Pine St. and Front Street). Land: None entered, Waterbody: Shiawassee River	I/I due to snow melt and rain
8608	05/30/06	9:15 A	05/31/06	5:30 A	0.596 Million Gallons	Diluted raw sewage	#003 Canal St. at Shiawassee River (Canal St. PS) (Plugged sewer main). Land: None entered, Waterbody: Shiawassee River *** #004 Pine and Front Streets (manhole at Pine St. and Front Street). Land: None entered, Waterbody: Shiawassee River	Heavy Rain
8828	07/12/06	2:05 A	07/12/06	8:20 A	0.193356 Million Gallons	Diluted raw sewage	#003 Canal St. at Shiawassee River (Canal St. PS) (Plugged sewer main). Land: None entered, Waterbody: Shiawassee River *** #004 Pine and Front Streets (manhole at Pine St. and Front Street). Land: None entered, Waterbody: Shiawassee River	Rain entering the sanitary sewer collection system

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Chesaning

County: Saginaw

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8829	07/17/06 10:40 P	07/18/06 2:40 A	0.022768 Million Gallons	Diluted raw sewage	#004 Pine and Front Streets (manhole at Pine St. and Front Street). Land: None entered, Waterbody: Shiawassee River	Rain
9145	08/03/06 5:10 A	08/03/06 6:45 P	0.123581 Million Gallons	Diluted raw sewage	#003 Canal St. at Shiawassee River (Canal St. PS) (Plugged sewer main). Land: None entered, Waterbody: Shiawassee River *** #004 Pine and Front Streets (manhole at Pine St. and Front Street). Land: None entered, Waterbody: Shiawassee River	Excess flows due to rain and inflow and infiltration

Summary for Chesaning:

5 of 5 Events with a Reported Volume Total SSO Volume Reported: 0.946 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): #003 Canal St. at Shiawassee River (Canal St. PS) (Plugged sewer main) *** #004 Pine and Front Street

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: ACO entered for eliminating SSO's.

Actions to Prevent Reoccurrence: Presently doing an I/I study to determine most effective solution.

Comments: None entered

Associated Outfall(s): #004 Pine and Front Streets (manhole at Pine St. and Front Street) *** #004 Pine and Front Streets (

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Chesaning

County: Saginaw

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Draft Administrative Consent Order for abatement of sanitary sewer overflows pending with Village

Actions to Prevent Reoccurrence: None entered

Comments: None entered

Associated Outfall(s): #003 Canal St. at Shiawassee River (Canal St. PS) (Plugged sewer main) *** #003 Canal St. at Shiawas

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: ACO planned re problems at pump station

Actions to Prevent Reoccurrence: sewer cleaning schedule

Comments: This was atypical sewer plugging on the line influent to the wet well. Cleaning the sewer fixed the problem.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Clinton

County: Lenawee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8979	08/19/06	12:00 A	08/20/06	9:00 A	0.15 Million Gallons	Raw sewage	WWTP (402 Bartlett Street) (WWTP). Land: None entered, Waterbody: River Raisin	The new wastewater treatment plant control center experienced a failure that shut down key components of the plant, coupled with an alarm system failure, resulting in a discharge of untreated raw sewage to the river.

Summary for Clinton:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.15 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Clinton Township

County: Macomb

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9533	12/01/06	9:00 A	12/01/06	10:00 A	Unspecified	Raw sewage	35846Rutherford. Land: None entered, Waterbody: Clinton River	
9467	12/01/06	9:30 A	12/01/06	10:30 A	0.00423 Million Gallons	Raw sewage	34013 Beaconfield. Land: None entered, Waterbody: Clinton River	Heavy Rain

Summary for Clinton Township:

1 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.004 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

College Heights MHC

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9793	11/14/06 2:00 P	11/14/06 7:30 P	0.0012 Million Gallons	Raw sewage	3501 Auburn Rd. Land: area near community office & College Circle, Waterbody: None	Blocked Sewer Main.

Summary for College Heights MHC: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 3501 Auburn Rd

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: None required

Comments: None entered

Commerce Twp

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8029		02/26/06 2:00 P	Unspecified	Raw sewage	4891 Winewood Lane. Land: Area adjacent to pressure sewer, Waterbody: None entered	Failed pressure sewer.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Commerce Twp

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Commerce Twp: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions:

Associated Outfall(s): 4891 Winewood Lane

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Comments: None entered

Country Acres MHP

County: Allegan

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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8040	03/02/06 8:00 A	03/02/06 5:00 P	Unspecified	Raw sewage	5904 142nd Avenue (Lift station overflow). Land: None entered, Waterbody: North Branch Macatawa River	Lift pump failure
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Summary for Country Acres MHP: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Country Acres MHP

County: Allegan

Outfall Corrective Actions:

Associated Outfall(s): 5904 142nd Avenue (Lift station overflow)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Repaired lift station pumps

Comments: None entered

Crystal Sewer District

County: Montcalm

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9420	10/03/06	1:00 A	10/03/06	8:00 A	0.008 Million Gallons	Raw sewage	2816 S. Shore Drive, Crystal, MI (Lift Station). Land: None entered, Waterbody: Crystal Lake	Lift station failure.

Summary for Crystal Sewer District:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.008 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Crystal Sewer District

County: Montcalm

Outfall Corrective Actions:

Associated Outfall(s): 2816 S. Shore Drive, Crystal, MI (Lift Station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time.

Actions to Prevent Reoccurrence: Repaired the control panel.

Comments: None entered

Dexter

County: Washtenaw

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7994	01/26/06	6:30 P	01/26/06	9:00 P	0.0003 Million Gallons ^a	Raw sewage	Walkabout Creek Apartments, off Dan Hoey Rd. Land: ground around manhole, Waterbody: none	Plugged sewer main due to grease resulted in a manhole overflow to ground at Walkabout Creek Apts.

Summary for Dexter:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0003 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Dexter

County: Washtenaw

Outfall Corrective Actions:

Associated Outfall(s): Walkabout Creek Apartments, off Dan Hoey Rd.

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Response actions were reviewed and deemed adequate.

Actions to Prevent Reoccurrence: Sewer blockage was cleared

Comments: None entered

Dimondale / Windsor

County: Eaton

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8450	05/31/06 8:00 P	06/01/06 4:30 A	0.000045 Million Gallons	Diluted raw sewage	Walnut & Jefferson Street manhole. Land: Parking lane in front of Lyons park, Waterbody: None entered	Small hole in force main bypass valve

Summary for Dimondale / Windsor: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.000045 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Double Eagle Coating Co.

County: Wayne

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9203	09/25/06 4:00 P	09/25/06 4:30 P	0.000025 Million Gallons	Raw sewage	3000 Miller Rd. Land: Area between sanitary sewer and stormwater catchbasin, Waterbody: Rouge River	Overflow of sanitary sewer due to lift pump not starting. Overflow ran across pavement to stormwater catchbasin.

Summary for Double Eagle Coating Co.: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.000025 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Durand

County: Shiawassee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8666	05/11/06 3:00 A	05/11/06 4:50 A	0.0019 Million Gallons	Diluted raw sewage	Outfall 1 & outfall 3. Land: none, Waterbody: None entered	Heavy rain

Summary for Durand: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

East Jordan WWTF

County: Charlevoix

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8426	04/14/06	12:00 A	05/14/06	3:00 P	Unspecified	Raw sewage	105 & 107 Wilson Drive (Pump Station). Land: Land in corner of Lots 105 & 107 Wilson, Waterbody: None entered	Overflow of private pump station - due to power being shut off accidentally or deliberately.
9278	10/24/06	6:00 P	10/25/06	8:30 A	0.15 Million Gallons	Raw sewage	99 Bridge Street (Primary Pump Station). Land: None entered, Waterbody: Lake Charlevoix	Loss of power to the city's primary sewage pump station.

Summary for East Jordan WWTF:

1 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.15 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Eaton Rapids

County: Eaton

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8664	06/16/06	3:10 P	06/16/06	3:55 P	0.000075 Million Gallons	Raw sewage	Veroy & Hellman St. Land: Street around man hole, grass shoulder, Waterbody: None entered	Plugged sewer main
8709	06/18/06	6:30 P	06/18/06	7:30 P	0.03 Million Gallons	Diluted raw sewage	Union & River Streets - Eaton Rapids. Land: none, Waterbody: None entered	Heavy rain

Summary for Eaton Rapids:

2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.03 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Eaton Rapids

County: Eaton

Elba Township

County: Lapeer

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9521	11/15/06	10:30 A	11/15/06	4:30 P	0.0018 Million Gallons	Raw sewage	3887 South Shore Dr (forcemain break). Land: South Shore Dr, Waterbody: Lake Nepessing	force main break

Summary for Elba Township:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Farmington Hills

County: Oakland

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7958	02/13/06	8:00 A	02/13/06	12:15 P	Unspecified	Raw sewage	FAT005172 (14 Mile Rd & Briarcrest, NE 1/4 Section 2, Farmington Hills). Land: from spill to Pebble Creek Drain, Waterbody: None entered	Plugged sewer
8921	08/03/06	3:15 P	08/03/06	4:30 P	0.00075 Million Gallons	Raw sewage	Manhole FAT008148. Land: Area adjacent to manhole, Waterbody: Pebble Creek	Plugged sewer

Summary for Farmington Hills:

1 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.00075 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Farmington Hills

County: Oakland

Outfall Corrective Actions:

Associated Outfall(s): Manhole FAT008148

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of the sewer system to prevent reoccurrence.

Comments: None entered

Fenton

County: Genesee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8973	07/27/06	9:41 P	07/27/06	11:00 P	0.0002 Million Gallons	Diluted raw sewage	Forest Drive Pump Station. Land: 10 feet radius around station wall, Waterbody: None entered	Pump station down due to power failure

Summary for Fenton: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Flint

County: Genesee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8095	03/13/06	1:15 P	03/14/06	12:45 A	8.2 Million Gallons	Partially treated sewage	WWTP RTB, Beecher Rd, Flint (Retention Treatment Basin (RTB) outfall 003). Land: None entered, Waterbody: Flint River	discharge from RTB in response to heavy rainfall.
8927	08/08/06	6:30 A	08/08/06	9:30 A	0.01 Million Gallons	Diluted raw sewage	Twelfth Street bridge) ~150 yards west of Grand Traverse. Land: none, Waterbody: None entered	plugged manhole
9506	12/01/06	4:00 P	12/01/06	10:22 P	9.04 Million Gallons	Partially treated sewage	WWTP RTB, Beecher Rd, Flint (Retention Treatment Basin (RTB) outfall 003). Land: None entered, Waterbody: Flint River	WWTP ran at max for as long as possible before discharge

Summary for Flint:

3 of 3 Events with a Reported Volume Total SSO Volume Reported: 17.25 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Flushing

County: Genesee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8422	05/22/06	8:00 A	05/22/06	9:15 A	0.002 Million Gallons	Raw sewage	312 Mark Dr. Land: None entered, Waterbody: Flint River	sewer blockage

Summary for Flushing:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

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Flushing

County: Genesee

Outfall Corrective Actions:

Associated Outfall(s): 312 Mark Dr

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: cleaned sewer

Comments: None entered

Ford Motor Co.

County: Wayne

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8905	07/27/06	7:00 P	07/27/06	8:30 P	Unspecified	Raw sewage	Shaeffer Rd over Gate 10 plant entrance (Ford/Severstal Steel Rouge Complex). Land: None entered, Waterbody: Rouge River	Sanitary sewer obstruction

Summary for Ford Motor Co.:

0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Fowlerville

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8969	07/26/06 2:00 P	07/26/06 4:30 P	0.00005 Million Gallons		Land: None entered, Waterbody: None entered	Power failure

Summary for Fowlerville: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Frankenmuth

County: Saginaw

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7337	01/16/06 1:30 P	01/16/06 3:30 P	0.0001 Million Gallons	Raw sewage	1118 Weiss St. Frankenmuth MI, Edelweiss Restaurant (Forcemain break). Land: Yes, Waterbody: Cass River	Broken Forcemain

Summary for Frankenmuth: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Franklin

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8976	08/16/06 3:13 P	08/17/06 10:00 A	0.0005 Million Gallons	Raw sewage	32644 Franklin Rd (Manhole). Land: Area adjacent to manhole, Waterbody: None observed	Power to grinder pump interrupted.

Summary for Franklin: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 32644 Franklin Rd (Manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluation of SSO event determined that no further action is needed at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Comments: None entered

Fraser

County: Macomb

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8032	02/16/06 11:45 P	02/17/06 2:30 A	0.30971 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain.

Sanitary Sewer Overflow (SSO) Detail Report

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Fraser

County: Macomb

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8115	03/13/06	10:00 A	03/13/06	10:20 A	0.022 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain.
8427	05/11/06	1:45 A	05/11/06	3:15 A	0.19694 Million Gallons	Diluted raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain
8428	05/16/06	12:45 P	05/16/06	2:15 A	0.1212 Million Gallons	Diluted raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain
8704	06/21/06	10:00 P	06/21/06	11:00 P	0.0365 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain.
8711	06/27/06	6:30 P	06/27/06	6:45 P	0.005057 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain.
8896	07/12/06	2:30 A	07/12/06	2:45 A	0.126 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Sewer overflow due to heavy rain.
8897	07/16/06	9:30 P	07/17/06	1:30 A	0.0092 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Failure of sole sanitary pump caused overflow during setup of bypass pumps and piping to sanitary sewer.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Fraser

County: Macomb

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9296	10/27/06	8:15 P	10/28/06	9:30 A	0.33 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Excessive rainfall induced inflow and infiltration and failure expected blockage in intake line.
9469	12/01/06	6:15 A	12/01/06	3:15 P	1.14 Million Gallons	Raw sewage	Beacon Lift Station. Land: None entered, Waterbody: Sweeney Drain (tributary to Clinton River)	Excessive rainfall induced inflow and infiltration.

Summary for Fraser:

10 of 10 Events with a Reported Volume Total SSO Volume Reported: 2.297 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s):	Beacon Lift Station (Beacon lift Station area) *** Beacon Lift Station (Beacon lift Station area) **		
Corrective Action(s) Complete: (repairs/modifications complete)	No		
Schedule of Compliance:	ACO issued with corrective action program and schedule	Schedule of Compliance Approved by MDEQ: Yes	
Actions by MDEQ:	ACO		
Actions to Prevent Reoccurrence:	ACO corrective action program with schedule		
Comments:	None entered		
Associated Outfall(s):	Beacon Lift Station (Beacon lift Station area) *** Beacon Lift Station (Beacon lift Station area) **		

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Fraser

County: Macomb

Corrective Action(s) Complete:
(repairs/modifications complete)

Yes

Schedule of Compliance:

Enforcement schedule being prepared by the City and will be submitted to MDEQ for incorporation in the ACO.

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ:

Referred to Enforcement.

Actions to Prevent Reoccurrence:

Flow monitoring completed and corrective actions within city sewer system is being developed.

Comments:

None entered

Gagetown

County: Tuscola

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7963	02/05/06	7:30 A	02/05/06	9:30 A	0.0005 Million Gallons	Raw sewage	Pump Station 4502 State St. (Pump Station). Land: Yes, Waterbody: None	Power outage to Pump Station due to down power lines caused by a snowstorm

Summary for Gagetown:

1 of 1 Events with a Reported Volume

Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Galien River SD Sewer Authority

County: Berrien

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8880	07/27/06	7:00 A	07/28/06	8:30 A	0.002 Million Gallons	Raw sewage	Lift Station 14 near corner Tower Hill & Browntown Road. (GRSD Lift Station south of Warren Dunes State Park). Land: surface near lift station, Waterbody: Painterville Creek	Sewer Lift Station #14 overflowed due to electrical failure. Overflow can reach Painterville Creek via a short ditch under the road.

Summary for Galien River SD Sewer Author: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Gaylord

County: Otsego

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9177	09/21/06	11:00 A	09/21/06	11:03 A	0.0001 Million Gallons	Raw sewage	315 East Commerce Blvd (Lift Station/Wet Well). Land: Pavement @ location of overflow, Waterbody: None entered	While cleaning lift station wet well with a vactor truck, the tank leaked because it was not sealed properly.

Summary for Gaylord: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Genesee County Drain Commissioner

County: Genesee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7293	01/10/06	11:00 A	01/10/06	12:00 P	0.001 Million Gallons	Raw sewage	1000 block Ballenger Hwy, Flint Twp. Land: Empty lot, Waterbody: None entered	plugged sewer
7298	01/10/06	12:30 P	01/10/06	1:30 P	0.0001 Million Gallons	Raw sewage	3360 North Linden Road, Mt. Morris Twp. Land: Parking lot, Waterbody: None entered	Plugged sewer
8228	03/13/06	1:00 P	03/13/06	4:00 P	0.01 Million Gallons	Raw sewage	5162 Farrand Rd. Vienna Twp (Farrand Rd Pump Station, overflow to area surrounding PS. 40 ft. radius.). Land: surrounding ground, Waterbody: None entered	heavy rainfall, overflow from MH just upstream of the Farrand Rd PS
8839	07/18/06	2:30 A	07/18/06	3:30 A	0.005 Million Gallons	Diluted raw sewage	15156 Bird Road, Argentine Twp. Land: None entered, Waterbody: Shiawassee River	Power failure due to lightening strike
8974	08/09/06	9:00 P	08/09/06	10:00 P	0.0005 Million Gallons	Diluted raw sewage	15156 Bird Road, Argentine Twp. Land: None entered, Waterbody: Shiawassee River	pump failure
9272	10/22/06	5:40 P	10/22/06	11:10 P	0.035 Million Gallons	Diluted raw sewage	6402 Acorn Way, Linden Michigan (Interceptor MH upstream of WWTP). Land: None entered, Waterbody: Shiawassee River	failure of control computer at time when tertiary alarm system was down for maintenance repair. Result was backup of interceptor with discharge beginning at about 11pm.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Genesee County Drain Commissioner

County: Genesee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9508	11/26/06	8:00 A	11/26/06	12:00 P	0.0002 Million Gallons	Diluted raw sewage	Hilltop Dr, Argentine Twp (multiple locations). Land: area around Pump Station, Waterbody: Lobdell Lake	simplex pump seized and blew fuse. No power and no alarm, bad check valve allowed forcemain flow to back up from interceptor.
9507	12/01/06	2:00 P	12/01/06	10:30 P	0.02 Million Gallons	Diluted raw sewage	Cashin St & Richfield Rd, Burton (overflow to land). Land: open field, Waterbody: None entered	heavy rainfall - land drainage failure

Summary for Genesee County Drain Commiss: 8 of 8 Events with a Reported Volume Total SSO Volume Reported: 0.072 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 15156 Bird Road, Argentine Twp *** 15156 Bird Road, Argentine Twp

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: seal conduit

Comments: None entered

Associated Outfall(s): 6402 Acorn Way, Linden Michigan (Interceptor MH upstream of WWTP)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Genesee County Drain Commissioner

County: Genesee

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: install new pumps, new peak capacity 15 mgd,

Comments: None entered

Associated Outfall(s): 5162 Farrand Rd. Vienna Twp (Farrand Rd Pump Station, overflow to area surrounding PS. 40 radius.)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Negotiating settlement.

Actions to Prevent Reoccurrence: (no entry)

Comments: None entered

Genesee Township

County: Genesee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8838	06/26/06 6:30 P	06/26/06 8:30 P	0.002 Million Gallons	Diluted raw sewage	7005 North Genesee Road. Land: None, Waterbody: None entered	Heavy rains, debris in one pump

Summary for Genesee Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Genesee Township

County: Genesee

Outfall Corrective Actions:

Associated Outfall(s): PS4 @ 4069 Mitchell Dr.

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluating compliance options.

Actions to Prevent Reoccurrence: (no entry)

Comments: None entered

Genoa-Oceola Sewer Authority

County: Livingston

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7133	01/05/06	6:00 P	01/06/06	6:00 A	0.0174 Million Gallons	Raw sewage	PS#4, 907 Sunrise Park, Howell, 48843 (FM break). Land: area around PS and approaching Lake Chemung, Waterbody: None entered	Leak in force main
8244	03/26/06	7:00 P	03/27/06	6:45 P	0.75 Million Gallons	Raw sewage	Ground at WWTP 900 Chilson Rd, Howell. Land: area around PS, Waterbody: None entered	12 inch PVC forcemain broke
8845	07/06/06	12:30 P	07/06/06	2:30 P	0.0003 Million Gallons	Diluted raw sewage	1311 Douglas Fir Street. Land: None, Waterbody: None entered	Plugged sewer

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Genoa-Oceola Sewer Authority

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8844	07/13/06 12:00 P	07/18/06 4:30 P	0.005 Million Gallons	Diluted raw sewage	2607 E. Grand River, Howell. Land: About 3000 square feet around manhole, Waterbody: None entered	Plugged sewer line

Summary for Genoa-Oceola Sewer Authority: 4 of 4 Events with a Reported Volume Total SSO Volume Reported: 0.773 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Gogebic-Iron Wastewater Authority

County: Gogebic

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8242	03/29/06 3:00 P	04/02/06 6:00 A	6.66 Million Gallons	Partially treated sewage	Flow Equalization Basin (Outfall 002 at the WWTP). Land: NA, Waterbody: Montreal River *** Blended Outfall 001 (Blended Sewage). Land: None entered, Waterbody: Montreal River	Snowmelt and rain overloaded the system.

Summary for Gogebic-Iron Wastewater Auth: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 6.66 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Gogebic-Iron Wastewater Authority

County: Gogebic

Outfall Corrective Actions:

Associated Outfall(s): Flow Equalization Basin (Outfall 002 at the WWTP)

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Notice Letter, Proposed Draft Administrative Consent Order

Actions to Prevent Reoccurrence: Conducting I/I studies to eliminate clear water from sanitary sewer system

Comments: Negotiating ACO with communities and Wastewater Authority

Grand Ledge

County: Eaton

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8094	03/13/06	6:00 A	03/13/06	8:45 A	0.032 Million Gallons	Diluted raw sewage	Outfall 006 (Former CSO outfall 006 - W Jefferson at Spring St & Wescott). Land: None entered, Waterbody: Grand River	SSO due to heavy rainfall
8988	08/11/06	1:00 P	08/11/06	3:00 P	0.005 Million Gallons	Raw sewage	Storm water outfall 100 ft. downstream of M100 bridge. Land: None entered, Waterbody: Grand River	sewage backed up into building on Bridge St. Owner's employee pumped basement out to catch basin resulting in discharge to river.

Summary for Grand Ledge:

2 of 2 Events with a Reported Volume

Total SSO Volume Reported: 0.037 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Ledge

County: *Eaton*

Outfall Corrective Actions: (No corrective actions entered)

Grand Rapids

County: *Kent*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
7268	01/02/06	10:15 A	01/02/06	11:00 A	0.000225 Million Gallons	Raw sewage	3797 28th Street SE, Kentwood. Land: Soils adjacent to manhole, Waterbody: Whiskey Creek	Grease build up caused backup and overflow to ground which then flowed to a storm sewer catch basin.
7269	01/02/06	1:40 P	01/02/06	3:00 P	0.0005 Million Gallons	Raw sewage	2031 Brunsink NE, Grand Rapids. Land: Homeowner lawn, Waterbody: Coldbrook Drain	Excessive grease in sewer line caused basement back-up. Plumber installed a sump pump in basement and pumped it onto back yard, which flowed into nearby storm sewer.
8257	03/30/06	12:30 P	03/31/06	12:00 P	0.00186 Million Gallons	Raw sewage	1120 36th Street - Steelcase parking lot. Land: None, Waterbody: Heyboer Drain	Grease and possibly roots obstructing sewer causing back-up and overflow.
8282	04/17/06	2:02 P	04/17/06	4:00 P	0.01 Million Gallons	Raw sewage	2352 Springbrook Dr SE, Kentwood. Land: Drainage ditch and soils around manhole, Waterbody: None entered	Sewer line blocked by sediment from recent excavation activities.

Sanitary Sewer Overflow (SSO) Detail Report

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Grand Rapids

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8369	05/07/06	1:30 P	05/07/06	2:00 P	0.00005 Million Gallons	Raw sewage	3702 Kimberly Ct, Grand Rapids. Land: Area surrounding manhole, Waterbody: None entered	Sanitary sewer backed-up from grease build-up.
8903	06/29/06	6:54 P	06/30/06	12:30 A	0.00336 Million Gallons	Raw sewage	MH NE of 2211 Longmeadow NW, Walker. Land: None entered, Waterbody: Brandywine Creek	Partial wall failure of a sanitary manhole.
8902	07/14/06	10:54 A	07/15/06	11:04 A	0.000005 Million Gallons ¹	Raw sewage	MH NE of 2211 Longmeadow NW, Walker. Land: None entered, Waterbody: Brandywine Creek	Sanitary sewage seepage caused by damage to a manhole. Discharge to Brandywine Creek which empties into the Indian Mill Creek.
8900	07/19/06	10:00 A	07/21/06	1:30 P	0.054264 Million Gallons	Raw sewage	Tamarack Avenue and 12th Street (Temporary construction location). Land: none, Waterbody: none	Contractor was by-pass pumping. Switching pumps/directed raw sewage through earth retention area then to existing piping
9002	08/23/06	2:00 P	08/25/06	9:00 P	0.003626 Million Gallons	Raw sewage	MH NE of 2211 Longmeadow NW, Walker. Land: None entered, Waterbody: Brandywine Creek	Gravity sewer leaked. Has been leaking for some time, but only just discovered it.
9249	10/11/06	9:38 A	10/11/06	10:45 A	0.0001 Million Gallons ¹	Raw sewage	3725 Cascade Rd, SE- Grand Rapids. Land: Area immediately around manhole, Waterbody: None entered	Sanitary sewer back-up caused by grease obstruction in line.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Rapids

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9298	10/26/06	8:39 A	10/26/06	10:00 A	0.000135 Million Gallons	Raw sewage	4222 Lamdale Court SE, Kentwood. Land: Dry storm water retention area, Waterbody: None entered	Inordinate amounts of grease in sanitary sewer caused back-up in line, causing discharge through manhole and into dry storm water retention area.
9380	11/10/06	4:15 P	11/10/06	5:45 P	0.00001 Million Gallons	Raw sewage	4400 40th Street, Kentwood. Land: Soil around manhole, Waterbody: None entered	Contractor was grinding road of "old" asphalt in preparation for application of new asphalt. In the process he knocked casting off manhole allowing old asphalt to get into sewer.
9439	11/27/06	3:00 P	11/28/06	5:00 P	0.0004 Million Gallons	Raw sewage	3885 O'Brien Rd (Lift Station). Land: Grounds sloping from O'Brien Lift Station, Waterbody: Tallman Creek	Contractor cut laterals during construction job and allowed sewage to run freely. Covered laterals with gravel.
9429	11/28/06	2:00 P	11/28/06	2:15 P	0.0004 Million Gallons	Raw sewage	3885 O'Brien Rd (Lift Station). Land: Grounds sloping from O'Brien Lift Station, Waterbody: Tallman Creek	Contractor damaged top of bypass pumping pipe (which was below grade) while scraping mud off the street with a loader. Bypass was around O'Brien Lift Station.

Sanitary Sewer Overflow (SSO) Detail Report

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Grand Rapids

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9438	11/30/06	4:30 P	11/30/06	8:30 P	0.012 Million Gallons	Raw sewage	2631 32nd St, (347 ft. NW of 32nd St). Land: Soils along bank of creek, Waterbody: Plaster Creek	"T" in 15" and 12" sewer main plugged from grease. Caused back-up of sewage out of manhole.
9474	12/04/06	9:30 A	12/04/06	11:15 A	0.0001 Million Gallons	Raw sewage	3885 O'Brien Rd (Lift Station). Land: Grounds sloping from O'Brien Lift Station, Waterbody: Tallman Creek	Contractor working on O'Brien Lift Station cut into top of bypass pumping pipes. Pipes were full of sewage, but the pumps were not operating at the time.
9540	12/07/06	9:30 A	12/07/06	9:30 A	0.00005 Million Gallons ¹	Raw sewage	3885 O'Brien Rd (Lift Station). Land: Grounds sloping from O'Brien Lift Station, Waterbody: Tallman Creek	Contractor (Bond Construction) was removing bypass piping and remaining sewage in pipe leaked out.
9566	12/27/06	2:05 P	12/27/06	7:00 P	0.02295 Million Gallons	Raw sewage	1363 Michigan Ave NE (just north next to RR tracks). Land: Area adjacent to the creek drainage system, Waterbody: Coldbrook Drain	Sanitary sewer piping was misaligned which allowed 15" pipe to leak at joints.

Summary for Grand Rapids:

18 of 18 Events with a Reported Volume Total SSO Volume Reported: 0.11 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

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Grand Rapids

County: Kent

Outfall Corrective Actions:

Associated Outfall(s): 1363 Michigan Ave NE (just north next to RR tracks)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: City Engineers will evaluate replacement of line.

Comments: None entered

Associated Outfall(s): 2631 32nd St, (347 ft. NW of 32nd St)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: IPP staff will investigate source of excessive grease in line.

Comments: None entered

Associated Outfall(s): 3885 O'Brien Rd (Lift Station) *** 3885 O'Brien Rd (Lift Station) *** 3885 O'Brien Rd (Lift Station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Rapids

County: Kent

Actions to Prevent Reoccurrence: Worked with contractor to prevent future releases.

Comments: None entered

Associated Outfall(s): 2631 32nd St, (347 ft. NW of 32nd St) *** 3702 Kimberly Ct, Grand Rapids

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None

Actions to Prevent Reoccurrence: Surveyed surrounding area for source of excessive grease on mostly domestic line.

Comments: None entered

Associated Outfall(s): 2352 Springbrook Dr SE, Kentwood

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: Will work with Kentwood to improve access to manholes and sewer lines.

Comments: None entered

Associated Outfall(s): 3725 Cascade Rd, SE- Grand Rapids

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Rapids

County: Kent

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: Sewer line jetted to remove any potential blockage

Comments: None entered

Associated Outfall(s): 3797 28th Street SE, Kentwood *** 4400 40th Street, Kentwood *** 2031 Brunsink NE, Grand Rapids ***

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Unplugged sanitary sewer

Comments: None entered

Associated Outfall(s): 4222 Lamdale Court SE, Kentwood *** 3725 Cascade Rd, SE- Grand Rapids

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: No additional actions needed.

Actions to Prevent Reoccurrence: Entire length of sewer in this area was freed of roots. Location placed on preventive maintenance schedule.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grand Ridge Homeowners Association

County: Ionia

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9045	08/27/06 5:45 P	08/27/06 8:00 P	0.0002 Million Gallons	Raw sewage	Main lift station (7620 1/2 Cedar Ridge Dr., Portland MI 48875). Land: None, Waterbody: Grand River	Vandalism. Main lift station power shut off.

Summary for Grand Ridge Homeowners Assoc:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0002 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Main lift station (7620 1/2 Cedar Ridge Dr., Portland MI 48875)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time.

Actions to Prevent Reoccurrence: Additional security measures have been implemented. The above ground phone line will be buried by AT&T. A vandalism report has been filed with the State Police.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grass Lake Township

County: Jackson

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7738	02/04/06	3:15 P	02/04/06	4:00 P	0.0001924 Million Gallons	Diluted raw sewage	Lift Station at Wolf Lake & Mack Island Rds. (lift station). Land: area around lift station & adjacent golf course, Waterbody: None entered	Power failure caused overflow at lift station. Approximately 200 gallons spilled to ground around lift station.
9505	12/09/06	8:00 A	12/09/06	8:30 A	0.0025 Million Gallons	Raw sewage	Manhole ~500 yds east of Hayball Road on Michigan Avenue. Land: Ditch area near manhole, Waterbody: None entered	Air release failed at manhole east of Hayball Road on Michigan Avenue. Released to manhole and ditch area near manhole.

Summary for Grass Lake Township: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Manhole ~500 yds east of Hayball Road on Michigan Avenue

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluated actions taken by responsible party and found to be adequate.

Actions to Prevent Reoccurrence: Shut off and repair air release valve

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grass Lake Township

County: Jackson

Associated Outfall(s): Lift Station at Wolf Lake & Mack Island Rds. (lift station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Observed location.

Actions to Prevent Reoccurrence: Will be installing back-up generator.

Comments: Overflow was pumped from the ground and lime was applied.

Grattan Township

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8287	02/16/06	5:30 P	02/19/06	9:00 A	0.0006 Million Gallons	Raw sewage	PS-3, 12023 Woodland Park Dr. (PS-3). Land: None entered, Waterbody: Groundwater *** PS-4, 12311 Abbott Street (PS-4). Land: None entered, Waterbody: Groundwater *** PS-3A, Dream Isle Drive (PS-3A). Land: None entered, Waterbody: Groundwater	Power failure at lift stations, PS-4, PS-3, PS-3A, due to ice storm. Emergency generator did not operate properly.

Summary for Grattan Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0006 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grattan-Vergennes Townships

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8288	04/18/06	8:00 A	04/18/06	9:15 A	0.0001 Million Gallons	Raw sewage	PS-5, 3807 Alden Nash, Murray Lake (Manhole lid). Land: Area around manhole lid and lift station, Waterbody: None entered	Power converter failure.
8925	07/22/06	6:00 P	07/23/06	12:00 P	0.000005 Million Gallons	Raw sewage	PS-6, 11804 4 Mile Road, Murray Lake (Manhole lid). Land: Area around manhole lid, Waterbody: None entered	Dialer not reset after power outage. Pumps tripped and no notification was sent.

Summary for Grattan-Vergennes Townships: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.000105 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): PS-6, 11804 4 Mile Road, Murray Lake (Manhole lid)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time.

Actions to Prevent Reoccurrence: Developed standard operating procedures for power outages.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Green Briar Estates Mobile Home Park

County: Washtenaw

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9383	11/14/06 12:00 P	11/15/06 12:00 A	Unspecified	Raw sewage	2500 Holmes Rd. Land: ground and parking lot surrounding catch basin, Waterbody: none	Sewage overflowed onto ground and parking area from catch basin near Holmes and Tanglewood due to blockage in private lead. Sewage did not enter surface water.

Summary for Green Briar Estates Mobile H: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions:

Associated Outfall(s): 2500 Holmes Rd.

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Response actions reviewed and determined adequate.

Actions to Prevent Reoccurrence: Blockage was cleared from private lead and overflow ceased.

Comments: MHP was directed to reroute improper storm water connection from sanitary sewer.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Green Oak Township

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8259	03/16/06 9:00 A	03/16/06 9:45 A	0.005 Million Gallons	Raw sewage	WWTP Green Oaks Township. Land: Ditch on grounds, Waterbody: None entered	Overflow of sludge holding tank

Summary for Green Oak Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Greenville

County: Montcalm

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7986	02/16/06 6:15 P	02/18/06 11:30 A	2.52 Million Gallons	Raw sewage	Greenville WWTP property (Manhole immediately adjacent to old lift station). Land: Greenville WWTP property, Waterbody: None entered	Ice storm caused 42 hour power outage

Summary for Greenville: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 2.52 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Greenville

County: Montcalm

Outfall Corrective Actions:

Associated Outfall(s):	Greenville WWTP property (Manhole immediately adjacent to old lift station)		
Corrective Action(s) Complete: (repairs/modifications complete)	Yes		
Schedule of Compliance:	None entered	Schedule of Compliance Approved by MDEQ:	No
Actions by MDEQ:	None at this time		
Actions to Prevent Reoccurrence:	WWTP Supt will request on site generator in 06/07 capital improvement budget		
Comments:	None entered		

Associated Outfall(s):	Greenville WWTP property (Manhole immediately adjacent to old lift station)		
Corrective Action(s) Complete: (repairs/modifications complete)	Yes		
Schedule of Compliance:	None entered	Schedule of Compliance Approved by MDEQ:	No
Actions by MDEQ:	No action		
Actions to Prevent Reoccurrence:	Pumps currently rotate every 8 hours. During heavy rain events the pumps will be rotated more frequently to avoid plugging.		
Comments:	None entered		

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grosse Ile

County: Wayne

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8111	03/13/06	7:00 A	03/13/06	5:30 P	0.781 Million Gallons	Partially treated sewage	24975 West River Rd. Land: none, Waterbody: Detroit River (Trenton Channel)	High flow caused by 1.8" of rain which fell between March 8 and March 13, 2006. Submersible storm pump and gas pump started to prevent basement flooding. Discharged to secondary clarifier prior to disinfection.
8417	05/11/06	8:25 A	05/11/06	9:55 A	0.0625 Million Gallons	Partially treated sewage	24975 West River Rd. Land: none, Waterbody: Detroit River (Trenton Channel)	High flow caused by 1.55" of rain which fell 5/10 and 5/11. Submersible storm pump started to prevent basement flooding. Discharged to secondary clarifier prior to disinfection.
9466	12/01/06	6:00 A	12/01/06	9:45 A	0.1875 Million Gallons	Partially treated sewage	24975 West River Rd. Land: none, Waterbody: Detroit River (Trenton Channel)	High flow caused by 2.1" of rain that fell over a 36 hour period. Submersible storm pump started to prevent basement flooding. Discharge to secondary clarifier prior to disinfection.

Summary for Grosse Ile:

3 of 3 Events with a Reported Volume Total SSO Volume Reported: 1.031 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grosse Ile

County: Wayne

Outfall Corrective Actions:

Associated Outfall(s): 24975 West River Rd *** 24975 West River Rd *** 24975 West River Rd

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: Storage system corrections are in process. Storage basin to come on-line in 2005 to store excess flow for complete treatment. **Schedule of Compliance Approved by MDEQ:** Yes

Actions by MDEQ: ACO issued

Actions to Prevent Reoccurrence: Storage basin to come on-line in 2005.

Comments: None entered

Grosse Pointe Farms

County: Wayne

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9440	12/01/06	8:18 A	12/01/06	8:53 A	0.263 Million Gallons	Raw sewage	001 (Provencal Rd & Lakeshore drive). Land: None entered, Waterbody: Lake St. Clair	Heavy Rain

Summary for Grosse Pointe Farms: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.263 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Grosse Pointe Farms

County: Wayne

Outfall Corrective Actions:

Associated Outfall(s): 001 (Provencal Rd & Lakeshore drive)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Issued NNC No.000068 on August 29, 2005.

Actions to Prevent Reoccurrence: Entity entered into Corrective Action Plan

Comments: None entered

Gun Lake Sewer And Water Authority

County: Barry

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8304	04/05/06	12:30 P	04/05/06	12:35 P	0.00005 Million Gallons	Raw sewage	12588 Marsh Road, Shelbyville (manhole at WWTP). Land: soil around manhole, Waterbody: None entered	Debris from the treatment plant's vactor truck plugged the bar screen causing raw sewage to overflow onto cement sidewalk of plant.

Summary for Gun Lake Sewer And Water Aut: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00005 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Gun Lake Sewer And Water Authority

County: Barry

Outfall Corrective Actions:

Associated Outfall(s): 12588 Marsh Road, Shelbyville (manhole at WWTP)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed.

Actions to Prevent Reoccurrence: Vactor truck loads with excessive debris will be put into drying beds instead of main interceptor line.

Comments: None entered

Associated Outfall(s): 12588 Marsh Road, Shelbyville (manhole at WWTP)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: Implemented discharge procedures for septic haulers.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Hamburg Twp

County: Livingston

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7622	02/05/06	1:00 P	02/05/06	2:00 P	0.002 Million Gallons	Raw sewage	M-36 and Merrill Road. Land: area around pit, Waterbody: None entered	power outage caused valve to blow
9158	09/05/06	7:00 A	09/05/06	7:30 A	0.0005 Million Gallons	Diluted raw sewage	8979 Redstone - M-36. Land: area around manhole, Waterbody: None entered	Air relief valve leaked

Summary for Hamburg Twp:

2 of 2 Events with a Reported Volume

Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Harbor Beach

County: Huron

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8079	03/10/06	7:30 A	03/10/06	10:00 A	0.0012 Million Gallons	Raw sewage	Manhole at 25 Court St. Land: Shoreline beaches, Waterbody: Lake Huron	rain and snowmelt caused increased flows to exceed pump station capacity.
8080	03/13/06	6:00 A	03/13/06	2:00 P	0.012 Million Gallons	Raw sewage	Manhole at 25 Court St. Land: Shoreline beaches, Waterbody: Lake Huron	Heavy Rain
9436	12/01/06	12:00 P	12/01/06	7:00 P	0.00084 Million Gallons	Raw sewage	Manhole at 25 Court St. Land: Shoreline beaches, Waterbody: Lake Huron	Heavy Rain, overloaded pumpstation

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Harbor Beach

County: Huron

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
Summary for Harbor Beach:			3 of 3 Events with a Reported Volume	Total SSO Volume Reported: 0.014 Million Gallons		

Outfall Corrective Actions:

Associated Outfall(s): Manhole at 25 Court St *** Manhole at 25 Court St *** Manhole at 25 Court St

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Notice Letter sent recently about other events in 2000. Part 41 permit issuance is suspended.

Actions to Prevent Reoccurrence: I/I study and enlarge sanitary sewer system

Comments: City has a study underway, and a bond proposal, but no basis of designs reviewed yet. Report received here 9-19-00.

Hart

County: Oceana

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9210	10/02/06 7:30 P	10/02/06 9:30 P	0.022 Million Gallons	Raw sewage	East main pump station. Land: Soils around station, Waterbody: Hart Lake	Lightning strike caused loss of power to station. Due to strike, pump station electrical components needed to be inspected before back-up power could be connected to station.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Hart

County: Oceana

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Hart: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.022 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): East main pump station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: New pump station to be constructed fall 2006

Comments: None entered

Associated Outfall(s): East main pump station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Violation letter to city

Actions to Prevent Reoccurrence: City undergoing systems study to identify & eliminate infiltration and inflow & cross connections.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Hartland

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7989	02/11/06 2:00 P	02/11/06 3:00 P	0.00005 Million Gallons	Raw sewage	1489 Long Lake Drive. Land: private residence near station, Waterbody: None entered	Grinder pump overflow

Summary for Hartland: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Hartland Township

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7621	01/24/06 3:50 P	01/24/06 10:00 P	0.00005 Million Gallons	Raw sewage	1475 Odette Drive. Land: area around spill, Waterbody: None entered	Failure of a service clamp

Summary for Hartland Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Holland

County: *Ottawa*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8904		06/30/06 12:00 P	0.0027 Million Gallons	Raw sewage	777 Washington Ave, Holland (Broken lateral). Land: subgrade between sanitary lateral and storm stub, Waterbody: Lake Macatawa	Broken lateral connection has flowed for a undetermined length of time to an uncapped storm sewer stub

Summary for Holland:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Holland Charter Township

County: *Ottawa*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8869	07/18/06 12:15 P	07/18/06 1:08 A	0.175 Million Gallons	Raw sewage	River Avenue and Howard Avenue. Land: None entered, Waterbody: Lake Macatawa	Lightning strike to pump station caused power failure.

Summary for Holland Charter Township:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.175 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Hudson

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8817	07/14/06 4:00 P	07/14/06 6:00 P	0.001 Million Gallons	Diluted raw sewage	217 S Church Street (vicinity) (manholes). Land: Ground surrounding manholes, Waterbody: None entered	Due to extremely heavy rain the storm sewers overflowed filling the sanitary system to capacity allowing diluted sanitary sewage to discharge out of 2 manhole covers.

Summary for Hudson:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 217 S Church Street (vicinity) (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Committee working on developing appropriate response procedures.

Comments: None entered

Associated Outfall(s): 217 S Church Street (vicinity) (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Hudson

County: Lenawee

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Recorded event information; continuing to monitor compliance

Actions to Prevent Reoccurrence: Correction of Infiltration & Inflow (I/I) in collection system

Comments: None entered

Iron River Township

County: Iron

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9319	06/18/06 1:30 P	06/18/06 8:30 P	0.00012 Million Gallons	Raw sewage	Gibb-City Road Lift Station. Land: 100 ft.x100 ft. near Gibb-City Road, Waterbody: none	Lightning hit lift station panel/WE Energies transformer causing a failure at lift station. Discharge occurred at 434 Gibb City Road
9320	07/22/06 12:30 P	07/22/06 2:30 P	0.00015 Million Gallons	Raw sewage	Gibb-City Road Lift Station. Land: 100 ft.x100 ft. near Gibb-City Road, Waterbody: none	Lift station continuing to malfunction as a result of lightning strike 6-17-06

Summary for Iron River Township: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.00027 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Ironwood Charter Township

County: Gogebic

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8669	06/18/06	6:00 P	06/18/06	9:00 P	Unspecified	Raw sewage	E4986 Slade Road. Land: None entered, Waterbody: Welch's Creek	Power failure due to squirrel on transformer

Summary for Ironwood Charter Township: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions: (No corrective actions entered)

Jasper

County: Lenawee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8834	06/21/06	12:00 A	06/21/06	12:00 A	0.006 Million Gallons	Diluted raw sewage	1361 Ogden Street (main pump station). Land: ground around pump station, Waterbody: Jasper Drain	The main sanitary sewer pumping station flooded due to heavy rains. Jasper Drain and Walker Drain flooded, the pump station was under water. Water entered the vent holes, flooded the dry section of the pump station & shorted out the control panel.

Summary for Jasper: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.006 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Jasper

County: Lenawee

Outfall Corrective Actions:

Associated Outfall(s): 1361 Ogden Street (main pump station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Repaired control panel. Checked auto dialer for malfunction.

Comments: None entered

Kalamazoo

County: Kalamazoo

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7559	01/10/06	10:00 A	01/10/06	10:30 A	0.00005 Million Gallons	Raw sewage	320 South Westnedge Avenue (Sanitary lead to address). Land: Driveway Pavement, Waterbody: Axtell Creek	Sanitary sewer overflow, obstruction in sanitary lead.
7560	01/11/06	2:45 P	01/11/06	3:30 P	0.00005 Million Gallons	Raw sewage	MH KC27189 Portage and Bryant (Manhole). Land: None entered, Waterbody: Portage Creek	Sanitary sewer overflow, Obstruction in sanitary sewer at Portage and Bryant
8577	06/01/06	11:00 A	06/02/06	12:45 P	0.007175 Million Gallons	Raw sewage	Candlewick Apts Manhole (Manhole on service line to Candlewick Apts.). Land: yes, Waterbody: Portage Creek	Sanitary Sewer Overflow -- Roots plugged 8" Sanitary Sewer Main KWRP Facility was notified of the

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Kalamazoo

County: Kalamazoo

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
						overflow on June 2, 2006 at approximately 11:00 AM
8684	06/22/06 8:00 A	06/22/06 11:15 A	0.00005 Million Gallons	Raw sewage	1416 Forbes (Root blockage in sewer). Land: Backyard area, Waterbody: None entered	Tree roots and fats, oils, and greases blocked sanitary sewer causing blockage and overflow. Sanitary sewer manhole was equipped with a grate normally found on a storm sewer.
9201	09/28/06 3:30 P	09/28/06 4:15 P	0.0001 Million Gallons	Raw sewage	918 Riverview Drive (roadside raised clean-out). Land: Limited amount, Waterbody: Kalamazoo River *** KWRP Scum Decant Tank (Leak from decant tank). Land: Storm Sewer, Waterbody: Kalamazoo River	Leaking KWRP scum decant tank discharge line under the road which leaked into a nearby valved off stormwater system.

Summary for Kalamazoo:

5 of 5 Events with a Reported Volume Total SSO Volume Reported: 0.007 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Kalamazoo

County: Kalamazoo

Outfall Corrective Actions:

Associated Outfall(s): KWRP Scum Decant Tank (Leak from decant tank)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Decant tank discharge line repaired

Comments: None entered

Associated Outfall(s): 1416 Forbes (Root blockage in sewer)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Normal sewer preventative maintenance.

Comments: None entered

Associated Outfall(s): Candlewick Apts Manhole (Manhole on service line to Candlewick Apts.)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Kalamazoo

County: Kalamazoo

Actions to Prevent Reoccurrence: Section of sewer put on watch list for future cleaning

Comments: None entered

Associated Outfall(s): 918 Riverview Drive (roadside raised clean-out)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Clean-out was repaired and lowered.

Comments: None entered

Karrington Assisted Living Center

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9794	08/16/06 1:30 P	08/16/06 3:40 P	Unspecified	Raw sewage	29681 Middlebelt Rd (Manhole). Area adjacent to manhole, Waterbody: None observed	Land: Plugged sewer.

Summary for Karrington Assisted Living C: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Karrington Assisted Living Center

County: Oakland

Outfall Corrective Actions:

Associated Outfall(s): 29681 Middlebelt Rd (Manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: None required.

Comments: None entered

Kingsley

County: Grand Traverse

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8971	08/16/06	10:30 A	08/16/06	10:31 A	0.0002 Million Gallons	Raw sewage	541 Mack Avenue (Lift station). Land: Vicinity of the spill., Waterbody: None entered	Bypass pump was used to pump around lift station so it could be cleaned. When pump was turned off, back pressure broke apart the hose connection.

Summary for Kingsley:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lakewood Wastewater Authority

County: Ionia

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8906	08/03/06 7:30 A	08/03/06 8:30 A	0.0001 Million Gallons	Raw sewage	1697 Jordan Lake Street at Roberts Road (Lift station). Land: Parking area by lift station, Waterbody: Jordan Lake	Force Main Failure

Summary for Lakewood Wastewater Authority: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 1697 Jordan Lake Street at Roberts Road (Lift station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time

Actions to Prevent Reoccurrence: Repaired force main break

Comments: None entered

Lansing

County: Ingham

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8057	03/09/06 9:37 A	03/09/06 9:39 A	0.00015 Million Gallons	Diluted raw sewage	WWTP 1625 Sunset, Lansing. Land: None entered, Waterbody: Grand River	Surge from LAPS to WWTP north plant influent chamber.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8301	04/17/06	12:15 P	04/21/04	2:05 P	0.02935 Million Gallons	Raw sewage	CSO regulator 020, Larch & Shiawassee St. Land: None entered, Waterbody: Grand River	CSO regulator 020 @ Larch & Shiawassee clogged with rags and debris, which caused dry weather discharge.
8611	06/05/06	4:30 P	06/05/06	8:00 P	0.12 Million Gallons	Raw sewage	Packard pumping station on Lansing Rd. Land: Area south of break to drainage ditch, Waterbody: None entered	Hole in force main
8621	06/08/06	8:10 A	06/08/06	2:30 P	0.002 Million Gallons	Diluted raw sewage	Regulator 023 located near Lansing Center at Cedar and Michigan. Land: None, Waterbody: None entered	Discharge of potable water and raw sewage. Lining and gravel bedding debris build up from construction work.
8622	06/09/06	1:35 P	06/09/06	2:25 P	0.015 Million Gallons	Raw sewage	Regulator 021 located at Shiawassee Street at Washington Square. Land: None, Waterbody: None entered	Partially clogged regulator
8714	06/09/06	1:35 P	06/09/06	2:25 P	0.015 Million Gallons	Raw sewage	Regulator 021 located at Shiawassee Street at Washington Square. Land: None, Waterbody: None entered	Partially plugged regulator
8717	06/23/06	10:30 A	06/23/06	12:00 P	0.00045 Million Gallons	Raw sewage	Regulator 023 located near Lansing Center at Cedar and Michigan. Land: None, Waterbody: None entered	Plugged regulator
8833	07/10/06	6:00 P	07/11/06	8:30 A	0.00435 Million Gallons	Diluted raw sewage	601 Island Ave, Eckert Power Station. Land: None, Waterbody: None entered	Failed seal of sanitary sewer leaking into storm sewer vault

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lansing

County: Ingham

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9172	09/22/06	6:45 P	09/23/06	5:45 P	0.0138 Million Gallons	Diluted raw sewage	South Cedar Street & Edgewood Boulevard, F & M Plaza. Land: area around manhole, Waterbody: None entered	Sanitary sewer system plugged
9585	12/22/06	4:15 P	01/03/07	2:00 P	0.0795 Million Gallons	Raw sewage	Regulator 023 located near Lansing Center at Cedar and Michigan. Land: None, Waterbody: None entered	construction debris from CSO separation work washed into and blocked regulator. Discharge estimated between 1100 - 79500 gal depending upon when the blockage first occurred.

Summary for Lansing:

10 of 10 Events with a Reported Volume Total SSO Volume Reported: 0.28 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lawrence

County: Van Buren

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8863	07/15/06	11:00 P	07/15/06	11:20 P	0.0003 Million Gallons	Raw sewage	613 N. Paw Paw Street (Main Lift Station). Land: 10 ft x 50 ft area, Waterbody: None entered	An electrical power surge caused a disruption of the main lift station operation and damaged the emergency dial out system. A neighbor reported an alarm condition at the lift station indicating raw sewage flowing from a manhole cover on the wet well

Summary for Lawrence: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0003 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Lawton

County: Van Buren

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7945	02/08/06	7:00 P	02/08/06	7:35 P	0.000015 Million Gallons	Raw sewage	625 West Union Street (Plant Lift Station). Land: None entered, Waterbody: Paw Paw River	Plant lift station level transducer failure.
7946	02/09/06	8:50 A	02/09/06	9:40 A	0.0001 Million Gallons	Raw sewage	625 West Union Street (Plant Lift Station). Land: None entered, Waterbody: Paw Paw River	Failure of high level alarm float and level transducer.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lawton

County: Van Buren

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Lawton: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.000115 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Leland Township

County: Leelanau

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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8808		06/30/06 12:00 A	Unspecified	Raw sewage	113 St. Joseph Street (Septic Tank Effluent Pump (STEP)). Land: Ground adjacent to the STEP system, Waterbody: None entered	Discharge pipe leaked from septic tank effluent pump.
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Summary for Leland Township: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions: (No corrective actions entered)

Leoni Township

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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7962	02/14/06 8:00 A	02/14/06 8:30 A	0.000549 Million Gallons	Raw sewage	Lift station at 6290 Young Rd. Land: area surrounding lift station, Waterbody: None entered	Level transducer failed causing release to ground around Young Rd lift station.
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Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Leoni Township

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8768	07/07/06 4:30 A	07/07/06 5:00 A	0.01481 Million Gallons	Raw sewage	Influent monitoring station at WWTP. Land: grassy field at WWTP, Waterbody: None entered	During installation of plumbing for new flow meter, wastewater overflowed at WWTP influent in field by work area.

Summary for Leoni Township:

2 of 2 Events with a Reported Volume

Total SSO Volume Reported: 0.015 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Influent monitoring station at WWTP

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None

Actions to Prevent Reoccurrence: One time occurrence during plumbing installation.

Comments: None entered

Associated Outfall(s): Lift station at 6290 Young Rd

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Reviewed response and determined it to be adequate.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Leoni Township

County: Jackson

Actions to Prevent Reoccurrence: Replaced transducer

Comments: None entered

Associated Outfall(s): Cady Rd Lift Station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: response adequate

Actions to Prevent Reoccurrence: Electrical circuits being rewired.

Comments: None entered

Associated Outfall(s): Cady Rd Lift Station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Response adequate

Actions to Prevent Reoccurrence: Repaired sewer main break

Comments: Spill occurred over 2 1/2 hours

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lincoln Park

County: Wayne

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9470	12/01/06 9:20 A	12/01/06 8:20 P	9.4 Million Gallons	Partially treated sewage	L.P. Basin (93 Mill, Ecorse). Land: none, Waterbody: None entered	Retention basin was full

Summary for Lincoln Park:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 9.4 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Livingston County Drain Commissioner

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7122	01/02/06 1:30 P	01/02/06 7:00 P	0.005 Million Gallons	Raw sewage	Near 10072 Walnut Shores Drive, Tyrone Twp. Land: About 2000 square feet around spill, Waterbody: None entered	A low pressure ball valve connection to the forcemain broke apart.
7300	01/10/06 7:00 P	01/11/06 2:00 A	0.005 Million Gallons	Raw sewage	10092 Walnut Shores Drive, Tyrone Twp. Land: About 2000 square feet around connection, Waterbody: None entered	Ball valve connection to forcemain broke apart
8124	03/12/06 4:30 P	03/12/06 7:30 P	0.002 Million Gallons	Raw sewage	10140 Walnut Shores Drive, Tyrone Township. Land: About 400 square feet around leak, Waterbody: None entered	Broken valve

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Livingston County Drain Commissioner

County: Livingston

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8641	06/05/06	5:30 P	06/05/06	6:30 P	0.0001 Million Gallons	Raw sewage	10136 Walnut Shores Dr. Land: Road drainage ditch, Waterbody: None entered	Broken nut on ball valve
8719	06/15/06	10:00 A	06/15/06	11:10 P	0.0001 Million Gallons	Diluted raw sewage	Near 10129 Walnut Shores Drive. Land: Drainage ditch in front of residence, Waterbody: None entered	Broken ball valve
9234	09/20/06	9:30 A	09/20/06	11:45 A	0.0001 Million Gallons	Raw sewage	10196 Walnut Shores Drive. Land: Residence lawn, Waterbody: None entered	Broken nut in ball valve
9175	09/20/06	9:30 A	09/20/06	11:45 A	0.0001 Million Gallons	Raw sewage	10098 Walnut Shore Drive. Land: Ditch by road, Waterbody: None entered	Broken nut on ball valve serving residence
9235	09/25/06	7:45 A	09/25/06	8:45 A	0.0001 Million Gallons	Diluted raw sewage	Near 10015 Walnut Shores Drive. Land: ground around break, Waterbody: None entered	Broken nut on ball valve
9274	09/25/06	7:45 A	09/25/06	8:45 A	0.0001 Million Gallons	Diluted raw sewage	Near 10015 Walnut Shores Drive. Land: ground around break, Waterbody: None entered	Broken nut on ball valve
9300	10/12/06	10:15 A	10/12/06	11:00 A	0.001 Million Gallons	Raw sewage	10705 Runyan Lk Rd @ White Lk Rd Livingston Co (broken cleanout port). Land: surrounding area, Waterbody: None entered	broken clean-out, cause of breakage unknown.
9808	11/02/06	10:30 A	11/02/06	11:00 A	0.00025 Million Gallons	Raw sewage	Cider Mill Lift Station. Land: area around LS, Waterbody: None entered	failure of 2" union at pump station due to vibration.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Livingston County Drain Commissioner

County: Livingston

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9523	11/05/06	10:32 A	11/05/06	1:30 P	0.00075 Million Gallons	Raw sewage	10055 Walnut Shores, Fenton, Liv Co (lateral/main leak). Land: surface ponding toward wetland area, Waterbody: None entered	connector tee on lateral/main leak.
9822	11/30/06	6:30 A	11/30/06	10:00 A	0.0005 Million Gallons	Raw sewage	11000 block of Sandy Creek Drive, S Lyon, 48178. Land: area around leakage, Waterbody: None entered	leak on service main under concrete.

Summary for Livingston County Drain Comm: 13 of 13 Events with a Reported Volume Total SSO Volume Reported: 0.015 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 10098 Walnut Shore Drive

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: made repair

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Loch Erin

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9545	12/19/06 10:00 A	12/20/06 10:00 A	0.001 Million Gallons	Raw sewage	North end of Gilgal Point (manhole). Land: ground around manhole and roadside ditch, Waterbody: None entered	An air relief valve at a sanitary manhole was stuck open coupled with a broken fitting on the main sanitary line. Sanitary sewage overflowed from the air relief onto the surrounding ground, there was no discharge to surface water.

Summary for Loch Erin:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): north end of Gilgal Point (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Removing and cleaning air relief valve

Comments: None entered

Associated Outfall(s): north end of Gilgal Point (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Loch Erin

County: Lenawee

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: response adequate

Actions to Prevent Reoccurrence: repaired the sewer line

Comments: The Lenawee Co. Drain Comm responded, notified the Lenawee Co. Health Dept. The LCHD inspected the site.

Lyon Township

County: Oakland

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8318	05/05/06 6:00 P	05/05/06 7:00 P	0.00001 Million Gallons	Raw sewage	55725 11 Mile Rd. Land: area near manhole, Waterbody: None entered	Air Relief Structure failure
8793	07/05/06 9:30 A	07/05/06 12:30 P	0.0005 Million Gallons	Diluted raw sewage	55605 11 Mile Rd (Manhole). Land: 5 ft. X 15 ft. area near manhole, Waterbody: None entered	Air Relief structure failure.

Summary for Lyon Township: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.00051 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Lyon Township

County: Oakland

Outfall Corrective Actions:

Associated Outfall(s): 55605 11 Mile Rd (Manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Comments: None entered

Madison Township

County: Lenawee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8377	04/04/06	9:00 A	04/04/06	10:00 A	0.0002 Million Gallons	Diluted raw sewage	Sand Creek Hwy 1/2 mile N of M-34 (pump station). Land: ground around manhole and roadside swale, Waterbody: None entered	A wet well level switch at a small pump station failed resulting in the pump locking up. The alarm system on the pump station also failed. The pump station filled and overflowed through the manhole to a roadside swale on Sand Creek Hwy.

Summary for Madison Township:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0002 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Madison Township

County: Lenawee

Outfall Corrective Actions:

Associated Outfall(s): Sand Creek Hwy 1/2 mile N of M-34 (pump station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: replaced wet well level control switch

Comments: None entered

Manistee

County: Manistee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8864	07/25/06	1:50 P	07/25/06	3:30 P	0.00025 Million Gallons	Raw sewage	302 Parkdale Avenue. Land: None entered, Waterbody: Manistee Lake	Cracked force main from pump station
8924	08/08/06	8:30 A	08/08/06	11:30 A	0.00005 Million Gallons	Raw sewage	302 Parkdale Avenue. Land: None entered, Waterbody: Manistee Lake	Cracked force main from pump station.

Summary for Manistee:

2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.0003 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Manistee

County: Manistee

Outfall Corrective Actions:

Associated Outfall(s): 302 Parkdale Avenue *** 302 Parkdale Avenue

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Under evaluation

Actions to Prevent Reoccurrence: Cracked force main pipe repaired

Comments: None entered

Marlette

County: Sanilac

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7624	01/29/06	6:00 A	01/29/06	10:50 P	0.8006 Million Gallons	Partially treated sewage	Sand beds. Land: None entered, Waterbody: None	
8074	03/09/06	4:30 A	03/10/06	3:30 P	0.853 Million Gallons	Partially treated sewage	Sand beds. Land: None entered, Waterbody: None	Bypass to sand beds
8075	03/13/06	3:00 A	03/13/06	8:30 P	0.7884 Million Gallons	Partially treated sewage	Sand beds. Land: None entered, Waterbody: None	Rain fall
9138	08/26/06	8:00 P	08/27/06	1:00 A	0.1836 Million Gallons	Partially treated sewage	Sand beds. Land: None entered, Waterbody: None	Excessive flows due to Inflow and Infiltration.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Marlette

County: Sanilac

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9220	10/04/06	9:00 A	10/04/06	12:00 P	0.4428 Million Gallons	Partially treated sewage	Sand beds. Land: None entered, Waterbody: None	Inflow and infiltration in collection system
9432	12/01/06	12:00 A	12/01/06	11:00 P	1.5066 Million Gallons	Partially treated sewage	Sand beds. Land: None entered, Waterbody: None	Overflowing to sand beds, partial treatment through beds & UV, quantity unknown at time of call

Summary for Marlette:

6 of 6 Events with a Reported Volume Total SSO Volume Reported: 4.575 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Marquette, City of

County: Marquette

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7299	01/12/06	9:00 A	01/12/06	11:00 A	0.001 Million Gallons	Raw sewage	100 Block of Bacon Drive (Whetstone Village). Land: Land around manhole, Waterbody: Whetstone Creek	Sewer main plugged with paper

Summary for Marquette, City of:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Marquette, City of

County: Marquette

Outfall Corrective Actions:

Associated Outfall(s): 100 Block of Bacon Drive (Whetstone Village)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Televis main to check pipe condition and clean.

Comments: None entered

Marshall

County: Calhoun

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8039	03/01/06	1:15 P	03/01/06	2:00 P	0.001 Million Gallons	Raw sewage	112 South Fountain. Land: None, Waterbody: Kalamazoo River	Consumers Power digging hole for power pole. Miss Dig was called but force main was not marked.

Summary for Marshall:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Marysville

County: St Clair

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
7987	02/17/06	12:01 A	02/17/06	6:00 A	0.8 Million Gallons	Diluted raw sewage	Huron Line Diversion. Land: None entered, Waterbody: St. Clair River	1.28" of rain and snowmelt
8098	03/13/06	2:30 P	03/14/06	7:00 A	0.5 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	Heavy rainfall
8917	08/03/06	10:00 P	08/04/06	1:00 A	0.3 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	Wet Weather
9000	08/27/06	2:00 A	08/27/06	5:30 P	1.5 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	Wet weather 2.53" of rain in 2 hours.
9225	10/04/06	10:30 A	10/04/06	4:30 P	1 Million Gallons	Raw sewage	Huron Line Diversion. Land: None entered, Waterbody: St. Clair River	Untreated and treated raw sewage due to rain
9228	10/04/06	1:30 P	10/05/06	11:00 A	1 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	Untreated and partially treated sewage due to rain.
9444	12/01/06	8:30 A	12/01/06	4:30 P	1 Million Gallons	Raw sewage	Huron Line Diversion. Land: None entered, Waterbody: St. Clair River	Partially treated and untreated sewage discharged due to over 2" of rain.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Marysville

County: St Clair

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9442	12/01/06	8:30 A	12/03/06	1:00 A	5 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	Partially treated sewage and untreated sewage discharged due to over 2" of rain.
9534	12/14/06	1:30 P	12/15/06	7:00 A	0.6 Million Gallons	Partially treated sewage	Wet Weather Sta. Huron Blvd & River Rd. Land: None entered, Waterbody: St. Clair River	Partially treated sewage discharged due to 0.76" of rain, plugged comminutor and malfunction of retention weir.

Summary for Marysville:

9 of 9 Events with a Reported Volume

Total SSO Volume Reported: 11.7 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Wet Weather Sta. Huron Blvd & River Rd *** Wet Weather Sta. Huron Blvd & River Rd *** Wet Weather St

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: DCA issued 11/8/2002 to require a PPC submission for a wet weather storage station by October 2007

Actions to Prevent Reoccurrence: DCA issued 11/8/2002. The entity constructed a 1.2 MG wet weather storage station.

Comments: Should the PPC certification not meet the required Oct. 2007 date, a CAP will be required

Associated Outfall(s): Wet Weather Sta. Huron Blvd & River Rd *** Wet Weather Sta. Huron Blvd & River Rd *** Wet Weather St

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Marysville

County: St Clair

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: DCA issued 11/8/2002 to require a PPC submission by October, 2007.

Actions to Prevent Reoccurrence: None entered

Comments: Should the PPC cetrification not meet the required October, 2007 date, a corrective action program schedule will be required.

McBain

County: Missaukee

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
7947	02/02/06	12:00 A	02/03/06	4:00 P	0.054 Million Gallons	Raw sewage	North end of alley - west of Harrison Street (Manhole). Land: None entered, Waterbody: Clam River	Plugged manhole line.
8425	05/23/06	9:45 A	05/23/06	4:00 P	0.0015 Million Gallons	Raw sewage	508 W. Maple (Force Main). Land: Farmland, Waterbody: None entered	Force Main leak.
9542	12/18/06	12:00 A	12/19/06	12:00 P	0.0011 Million Gallons	Raw sewage	100 Block of Elm - West of Roland (Manhole). Land: Vicinity of spill, Waterbody: None entered	Sewer line plug.

Summary for McBain: 3 of 3 Events with a Reported Volume Total SSO Volume Reported: 0.057 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

MDOT - Sandstone Rest Area

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9573		12/28/06 1:00 P	0.0005 Million Gallons	Raw sewage	Sandstone Rest Area, on I-94 west of M-60 interchange on south side. Land: wetland area, Waterbody: None entered	Power outage caused lift station to overflow to ground at rest area.

Summary for MDOT - Sandstone Rest Area: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Sandstone Rest Area, on I-94 west of M-60 interchange on south side

Corrective Action(s) Complete:
(repairs/modifications complete) No

Schedule of Compliance: None entered Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Notice letter sent requesting specifics on improved inspections and corrective actions.

Actions to Prevent Reoccurrence: One pump has been repaired. The other pump will be replaced and is on order, expected to arrive in about a week. There is also some repair work to be done on the lift station control panel. Daily or more frequent inspections are taking place until then

Comments: None entered

Associated Outfall(s): Sandstone Rest Area, on I-94 west of M-60 interchange on south side

Corrective Action(s) Complete:
(repairs/modifications complete) Yes

Schedule of Compliance: None entered Schedule of Compliance Approved by MDEQ: No

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

MDOT - Sandstone Rest Area

County: Jackson

Actions by MDEQ: Site visit and review of report.

Actions to Prevent Reoccurrence: Will add a high water alarm to the lift station and conduct more frequent inspections. There will also be future upgrades to the system, including the pumps and the lift station control panel.

Comments: Response to this SSO is adequate.

MDOT-Brighton

County: Livingston

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9522	11/03/06	10:30 A	11/03/06	11:30 A	0.0001 Million Gallons	Raw sewage	Old US23 and Grand River Rd (line damage during under road boring operation). Land: roadway, Waterbody: None entered	contractor boring under road damaged sewer line. Minimal discharge to road surface.

Summary for MDOT-Brighton: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Menominee

County: Menominee

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9318	05/11/06	8:45 A	05/11/06	12:00 P	0.0009 Million Gallons	Raw sewage	949 1st St. (Private Property). Land: None entered, Waterbody: Menominee River/Green Bay	Private lateral plugged.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Menominee

County: Menominee

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
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Summary for Menominee:			1 of 1 Events with a Reported Volume	Total SSO Volume Reported: 0.0009 Million Gallons		
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Outfall Corrective Actions:

Associated Outfall(s): 949 1st St. (Private Property)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Requiring private owner to contract for routine lateral cleaning

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Milan

County: Monroe

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9546	12/27/06	11:00 A	12/27/06	5:00 P	0.1 Million Gallons	Raw sewage	Allen Road Trunk Sewer, between Allen Road and mill race waterway (manhole). Land: Saline River mill race floodplain, Waterbody: None entered	A plugged sewer resulted in an overflow to the ground along the Saline River floodplain. There was no release to the Saline River, approximately 30,000 gallons of the ponded sewage was recovered and returned to the sanitary sewer.

Summary for Milan:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.1 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Allen Road Trunk Sewer, between Allen Road and mill race waterway (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Cleaned the sewer line.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Millington

County: Tuscola

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7623	01/29/06 9:30 A	01/29/06 12:00 P	0.01 Million Gallons	Raw sewage	Fullmer Road and Worth Street Millington Creek. Land: None entered, Waterbody: Millington Creek	Both pumps at pump station were plugged with debris

Summary for Millington:

1 of 1 Events with a Reported Volume

Total SSO Volume Reported: 0.01 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Muskegon County

County: Muskegon

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9149	08/24/06 6:30 P	08/24/06 6:50 P	0.0097 Million Gallons	Raw sewage	Pump Station G. Land: NA, Waterbody: Little Black Creek	Main power feed from Consumers Power single phased the station and destroyed electrical components

Summary for Muskegon County:

1 of 1 Events with a Reported Volume

Total SSO Volume Reported: 0.01 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Muskegon County

County: Muskegon

Outfall Corrective Actions:

Associated Outfall(s): Pump Station G

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: NL

Actions to Prevent Reoccurrence: Notice Letter issued requiring corrective action plan

Comments: None entered

Associated Outfall(s): Pump Station G

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Collection system upgrade eliminating older pump stations underway 2006-2007

Comments: None entered

Associated Outfall(s): Pump Station G

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: MDEQ and county are in process of setting schedule for forcemain replacement

Schedule of Compliance Approved by MDEQ: Yes

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Muskegon County

County: Muskegon

Actions by MDEQ: MDEQ has met with county and consultants regarding replacement/rerouting of forcemain

Actions to Prevent Reoccurrence: Partial replacement of 66" forcemain

Comments: Forcemain replacement construction completed 12/2002

Muskegon Heights

County: Muskegon

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9525	10/05/06 12:00 A	11/08/06 12:00 A	0.1 Million Gallons	Diluted raw sewage	Broadway and Sanford Street catch basin, outfall to Little Black Creek. Land: None, Waterbody: Little Black Creek	Small crack in sanitary sewer line leaked into storm sewer catch basin

Summary for Muskegon Heights: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.1 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Broadway and Sanford Street catch basin, outfall to Little Black Creek

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Phone call

Actions to Prevent Reoccurrence: Sewer line replaced, protective steel sleeve added

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Muskegon Heights

County: Muskegon

Muskegon, City of

County: Muskegon

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8420	03/13/06 11:15 A	03/13/06 10:30 P	0.33 Million Gallons		Land: None entered, Waterbody: None entered	

Summary for Muskegon, City of: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.33 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Napoleon Township

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8780	07/07/06 4:30 A	07/07/06 5:00 A	0.010245 Million Gallons	Raw sewage	Cady Rd Lift Station. Land: farmland and vacant land, Waterbody: None entered	Overflow at Cady Rd Lift station due to installation of plumbing for new flow meter for WWTP.

Summary for Napoleon Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.01 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Napoleon Township

County: Jackson

Outfall Corrective Actions:

Associated Outfall(s): Cady Rd Lift Station

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: One time occurrence due to renovations at WWTP.

Comments: None entered

Nashville, Village of

County: Barry

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9403	11/27/06 9:00 P	11/28/06 8:00 A	0.003 Million Gallons	Raw sewage	615 Sherman St. Land: Side of the road near manhole, Waterbody: None	Blockage in gravity sewer resulted in overflow of manhole.

Summary for Nashville, Village of: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Negaunee WWTP

County: *Marquette*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
9661	12/19/06 9:00 A	12/19/06 11:30 A	0.0001 Million Gallons	Raw sewage	Iroquois Lift Station (Airport Lift Station). Land: None entered, Waterbody: Carp River	Crack in 4" force main

Summary for Negaunee WWTP: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

New Baltimore

County: *Macomb*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
7742	02/03/06 6:01 A	02/03/06 12:01 P	0.002 Million Gallons	Raw sewage	Hamer St adj. to 50820 Lempke (Broken force main). Land: adjacent to 500820 Lempke, Waterbody: Anchor Bay	Broken force main from Balclair Lift Station

Summary for New Baltimore: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.002 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Norton Shores

County: Muskegon

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8112	03/15/06 9:00 A	03/16/06 12:00 P	0.3 Million Gallons	Raw sewage	Seaway Drive and Seminole Rd. Land: Soils in the ravine, Waterbody: None entered	Heavy rain caused nearby MDOT sewer to collapse eroding soils under sanitary sewer. Sanitary pipe collapsed, releasing raw sewage into ravine and onto ground

Summary for Norton Shores:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.3 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Seaway Drive and Seminole Rd

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Repair 24" gravity sewer, stabilize area against erosion

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Novi

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8944	08/09/06 10:25 A	08/09/06 3:25 P	0.00015 Million Gallons	Raw sewage	Manholes NVC013128&NVC0131335. Land: area adjacent to manholes and flow path to wetland, Waterbody: wetland (unnamed)	Plugged sewer.

Summary for Novi:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00015 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Manholes NVC013128&NVC0131335

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluation of SSO event determent that no further action is needed at this time.

Actions to Prevent Reoccurrence: Entity performs periodic maintenance

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Oakland County Drain Commissioner

County: Oakland

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8020	02/16/06	10:55 P	02/17/06	5:00 A	1.645 Million Gallons	Raw sewage	14 Mile Road & Inkster Road - Walnut #1 P.S. Land: NONE, Waterbody: Rouge River	High flow upstream entering pump station
8092	03/10/06	8:40 A	03/10/06	10:40 A	0.255 Million Gallons	Raw sewage	14 Mile Road & Inkster Road - Walnut #1 P.S. Land: NONE, Waterbody: Rouge River	High flow upstream entering pump station.
8099	03/13/06	9:35 A	03/13/06	1:45 P	0.897 Million Gallons	Raw sewage	14 Mile Road & Inkster Road - Walnut #1 P.S. Land: NONE, Waterbody: Rouge River	High flow upstream entering pump station
8376	05/11/06	3:25 A	05/11/06	10:30 A	1.552 Million Gallons	Raw sewage	14 Mile Road & Inkster Road - Walnut #1 P.S. Land: NONE, Waterbody: Rouge River	High flow upstream entering pump station.
8832	07/18/06	12:38 P	07/18/06	12:40 P	0.0005 Million Gallons	Raw sewage	14 Mile Road & Inkster Road - Walnut #1 P.S. Land: NONE, Waterbody: Rouge River	Brief surge of flow during upstream bypass pump startup by contractor associated with the new Walnut #1 pump station construction project.
8982	08/12/06	7:30 A	08/12/06	11:00 A	0.00021 Million Gallons	Raw sewage	8 Mi Pump Station Outlet. Land: 8 Mi Pumping Station Parking Lot, Waterbody: None observed	Sewage discharging from forcemain access manhole. Investigation revealed a failed gasket on the "boiler entrance" located on the top of the forcemain in the access manhole.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Oakland County Drain Commissioner

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9441	12/01/06 9:33 A	12/01/06 11:42 A	0.555 Million Gallons	Raw sewage	14 Mile Road & Inkster Road - Walnut #1 P.S. Land: NONE, Waterbody: Rouge River	High flow upstream entering pump station.

Summary for Oakland County Drain Commiss: 7 of 7 Events with a Reported Volume Total SSO Volume Reported: 4.905 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 8 Mi Pump Station Outlet

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluation of SSO event determined that no further action is needed at this time.

Actions to Prevent Reoccurrence: Entity performs periodic maintenance.

Comments: None entered

Associated Outfall(s): 14 Mile Road & Inkster Road - Walnut #1 P.S. *** 14 Mile Road & Inkster Road - Walnut #1 P.S. *** 14

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: Long -term CAP will ensure adequate capacity in Farmington interceptor and Walnut #1 PS to accommodate flows either by excess wet weather Schedule of Compliance Approved by MDEQ: Yes

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Oakland County Drain Commissioner

County: Oakland

flow removal, infrastructure improvements or both.

Actions by MDEQ:

ACO SW-05-001 issued on 12/08/2004.

Actions to Prevent Reoccurrence: ACO SW-05-001

Comments:

None entered

Associated Outfall(s):

14 Mile Road & Inkster Road - Walnut #1 P.S. *** 14 Mile Road & Inkster Road - Walnut #1 P.S. *** 14

Corrective Action(s) Complete:
(repairs/modifications complete)

No

Schedule of Compliance:

Short-term CAP will enable excess wet weather flows to be pumped to Evergreen receptor temporarily, in accordance with short term CAP provisions in ACO SW-05-001.

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ:

ACO SW-05-001 issued on 12/08/2004

Actions to Prevent Reoccurrence: ACO SW-05-001

Comments:

None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Ontwa Township

County: Cass

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9277	10/19/06	1:00 P	10/19/06	1:10 P	0.000025 Million Gallons	Raw sewage	Scott Street (manhole). Land: vicinity of manhole, Waterbody: None	Lift station pump failure caused a manhole to overflow onto the ground. Approximately 25 gallons were spilled. The phone line for the automatic alarm line had been cut accidentally during construction, so the alarm failed.

Summary for Ontwa Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.000025 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Scott Street (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None

Actions to Prevent Reoccurrence: Phone line/alarm telemetering repaired.

Comments: None

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Orchard Lake Village

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9692		02/23/06 12:35 P	Unspecified	Raw sewage	2969 Orchard Place. Land: area adjacent to grinder pump, Waterbody: None entered	Broken grinder pump outlet.

Summary for Orchard Lake Village: 0 of 1 Events with a Reported Volume Total SSO Volume Reported: Unspecified

Outfall Corrective Actions:

Associated Outfall(s): 2969 Orchard Place

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Orleans Township

County: Ionia

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8023	02/19/06 12:30 A	02/19/06 12:40 A	0.0003 Million Gallons	Raw sewage	Lakeview and West Long Lake Road (Manhole #1 at the corner of Lakeview and West Long Lake Road). Land: 5 ft. x 2 ft. area surrounding manhole #1, Waterbody: None entered	Faulty check valve @ lift station #3 during power outage

Summary for Orleans Township:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Lakeview and West Long Lake Road (Manhole #1 at the corner of Lakeview and West Long Lake Road)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None at this time.

Actions to Prevent Reoccurrence: Repair faulty check valve at lift station #3 and revise standard operating procedures.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Parma

County: Jackson

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7997	02/20/06	10:35 A	02/21/06	1:30 P	0.00015 Million Gallons	Raw sewage	North Union St north of Michigan Ave (6 inch force main sanitary sewer at North Union St, north of Michigan Ave). Land: Public roadway, Waterbody: None entered	Crack in force main line caused release to storm sewer. Released at a very small rate until the line could be repaired.
9483	12/01/06	6:00 A	12/01/06	8:45 A	0.03 Million Gallons	Raw sewage	Lift station at 522 S. Union Street. Land: Parking lot and along roadway, Waterbody: None entered	Power outage in the village in the middle of the night. No back up power at main lift station, which overflowed to commercial property prior to installation of transfer pump.

Summary for Parma:

2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.03 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Lift station at 522 S. Union Street

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Notice Letter sent requiring backup generator.

Actions to Prevent Reoccurrence: Installing dialer in system to notify of power loss.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Parma

County: Jackson

Comments: None entered

Associated Outfall(s): North Union St north of Michigan Ave (6 inch force main sanitary sewer at North Union St, north of M

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Reviewed response and it was determined to be adequate.

Actions to Prevent Reoccurrence: Damaged force main was repaired.

Comments: None entered

Paw Paw

County: Van Buren

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9259	09/05/06 6:00 P	09/06/06 7:00 A	0.0005 Million Gallons	Raw sewage	16" FM from Main LS to WWTP. Land: None entered, Waterbody: Paw Paw River	A leak in a 16" FM from the Main LS to the WWTP.

Summary for Paw Paw: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Paw Paw Township

County: Van Buren

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7841	02/03/06 9:00 A	02/03/06 10:00 A	0.001 Million Gallons	Raw sewage	48384 Michigan Avenue. Land: None entered, Waterbody: Paw Paw River	Pump station pumps failed to come on due to apparent faulty float controls.

Summary for Paw Paw Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Petoskey

County: Emmet

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9532	12/07/06 3:40 P	12/07/06 5:00 P	0.02 Million Gallons	Raw sewage	100 West Lake Street (Lift Station behind Firehall). Land: Area surrounding lift station., Waterbody: Bear River	Emergency pump discharge line was plugged. When plug was removed, force main flooded the lift station.

Summary for Petoskey: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.02 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Pigeon

County: *Huron*

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7336	01/02/06	6:45 A	01/02/06	9:50 A	0.01 Million Gallons	Raw sewage	170 N. Caseville Rd. Pigeon, MI South side of Lot (Forcemain Break). Land: Yes, Waterbody: None	Forcemain break

Summary for Pigeon: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.01 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Plainwell

County: *Allegan*

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8035	02/22/06	11:30 A	02/22/06	12:15 P	0.00005 Million Gallons	Raw sewage	765 North Main Street (manhole). Land: Pavement, Waterbody: Kalamazoo River	Village of Martin, doing routine maintenance, caused pumping main to over pressurize and blew sewage out the top of a manhole onto the street.

Summary for Plainwell: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00005 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Plainwell

County: Allegan

Outfall Corrective Actions:

Associated Outfall(s): 765 North Main Street (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Cleaning and televising the sewer main is being scheduled

Comments: None entered

Port Sanilac

County: Sanilac

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9582	10/08/06 8:45 A	10/08/06 11:00 A	0.011 Million Gallons	Raw sewage	400 Block of South Lake St. (Pipe Failure). Land: yes, Waterbody: None	Mechanical Joint failure on buried pipe

Summary for Port Sanilac:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.011 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Portage

County: Kalamazoo

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8663	06/19/06 8:23 A	06/19/06 11:30 A	0.0002 Million Gallons	Raw sewage	405 East Osterhout (Force main failure at old steel repair clamp that had rusted. It was replaced with a new stainless steel repair clamp.). Land: Storm water catch basin/seepage basin, Waterbody: None entered	Sewer discharge due to broken force main

Summary for Portage:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0002 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 405 East Osterhout (Force main failure at old steel repair clamp that had rusted. It was replaced w

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Used stainless steel repair clamp to make the repair. Old repair clamp had rusted and failed.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Portage-Base Lakes Sewage Authority

County: Washtenaw

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8683	06/20/06	11:00 A	06/20/06	7:30 P	0.0027 Million Gallons	Raw sewage	9083 Dexter-Pinckney Road (Pump Station #5). Land: Ground near pump station, Waterbody: None entered	A force main broke & caused a discharge to the ground (approx 1500 gal known and up to 2000 gal before they were notified). An additional 1200 was discharged on 6/21/06 when the temporary cap came off & discharged for approximately 15 minutes.
8898	07/25/06	1:30 P	07/25/06	4:00 P	0.00005 Million Gallons	Raw sewage	2666 Indian Trail (M.H. location) Hamburg Twp., Livingston County. (Collection Sewer Valve.). Land: Only the area immediately surrounding the M.H., Waterbody: None	leaking valve at 2666 Indian Trail, Hamburg Twp, Livingston County.

Summary for Portage-Base Lakes Sewage Au: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 2666 Indian Trail (M.H. location) Hamburg Twp., Livingston County. (Collection Sewer Valve.)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Portage-Base Lakes Sewage Authority

County: Washtenaw

Comments: Permanent repair made to sewer line.

Associated Outfall(s): 9083 Dexter-Pinckney Road (Pump Station #5) *** 2666 Indian Trail (M.H. location) Hamburg Twp., Livi

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Corrective action acceptable to DEQ.

Actions to Prevent Reoccurrence: Spill cleaned up by crew. Permanent repairs made to sewer line made 6/21/06.

Comments: None entered

Ravenna, Village of

County: Muskegon

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8062	03/07/06	9:00 A	03/07/06	9:15 A	0.001 Million Gallons	Raw sewage	3565 Main Street. Land: None, Waterbody: Crockery Creek	A tree root ball was stuck in the inlet pipe
8238	03/13/06	7:00 A	03/13/06	9:00 A	0.02 Million Gallons	Diluted raw sewage	3565 Main Street. Land: None, Waterbody: Crockery Creek	Heavy rains flooded field near a manhole and flowed into the manhole. Field flooded due to plugged catch basin.

Summary for Ravenna, Village of:

2 of 2 Events with a Reported Volume

Total SSO Volume Reported: 0.021 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Ravenna, Village of

County: Muskegon

Outfall Corrective Actions:

Associated Outfall(s): 3565 Main Street *** 3565 Main Street

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Raise manhole structure, clean storm sewer catch basin in vicinity

Comments: None entered

Associated Outfall(s): 3565 Main Street *** 3565 Main Street

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Overflow bypass pipe installed in manhole to prevent back-ups and overflows

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Reading

County: Hillsdale

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7957	02/06/06 9:00 A	02/10/06 10:30 A	5 Million Gallons	Partially treated sewage	Reading WWSL outfall (out of season discharge). Land: None entered, Waterbody: Prouty Drain	Out of season discharge from lagoon system, due to continuing infiltration issues and lack of adequate capacity in lagoons.

Summary for Reading:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 5 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Reading WWSL outfall (out of season discharge)

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Notice letter sent

Actions to Prevent Reoccurrence: Will be constructing 3rd lagoon in near future

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Reese

County: Tuscola

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8606	06/02/06 12:01 A	06/02/06 4:00 A	0.01 Million Gallons	Raw sewage	Reese Road and Marilyn Street (Pumps Station). Land: None entered, Waterbody: Yax drain	Electrical equipment failure and Back-up generator mechanical failure.

Summary for Reese:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.01 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Rollin-Woodstock

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8260	02/15/06 12:00 A	02/16/06 12:00 A	0.001 Million Gallons	Raw sewage	Mills Road manhole #316 (manhole). Land: land around manhole, Waterbody: None entered	A manhole (MH) on Mills Road was overflowing due to a plug at the MH location; an upstream MH was also full but had not overflowed. Based on the quality of the wastewater they suspect the overflow may have been caused by illegal dumping of septage.

Summary for Rollin-Woodstock:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.001 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Rollin-Woodstock

County: Lenawee

Outfall Corrective Actions:

Associated Outfall(s): Mills Road manhole #316 (manhole)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Reviewed response & determined it to be adequate.

Actions to Prevent Reoccurrence: jetted and vacuummed out manhole

Comments: None entered

Seney Township

County: Schoolcraft

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8814	07/03/06	7:00 A	07/03/06	8:30 A	0.0001 Million Gallons	Raw sewage	1710 W. First Street (check valve failure, sewage to ground). Land: residential, Waterbody: None entered	check valve failure

Summary for Seney Township:

1 of 1 Events with a Reported Volume

Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Sherman Oaks Mobile Home Community

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8890	07/20/06 9:45 P	07/20/06 11:30 P	0.0005 Million Gallons	Raw sewage	6410 Lansing Avenue, Jackson, MI (Lift station associated with Sherman Oaks MHP WWSL). Land: Area around lift station, Waterbody: None entered	In lift station, primary pump was in for repair and a temporary pump was plumbed in. The temporary plumbing came apart spraying in the building, running out the door, back into the wet well, and on the ground around the wet well.

Summary for Sherman Oaks Mobile Home Com:

1 of 1 Events with a Reported Volume

Total SSO Volume Reported: 0.0005 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 6410 Lansing Avenue, Jackson, MI (Lift station associated with Sherman Oaks MHP WWSL)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Bypass pump was removed the next day and the permanent pump was put back in service.

Comments: Corrective actions were deemed appropriate by DEQ staff.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Southern Clinton County

County: Clinton

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7484	01/21/06	2:35 P	01/21/06	4:00 P	0.005 Million Gallons	Raw sewage	905 E Geneva Dr, manholes 330800015 and 330800025. Land: Area around manholes, Waterbody: None entered	Sewer between manholes blocked by debris
8847	06/01/06	12:00 A	06/01/06	12:15 A	0.015 Million Gallons	Diluted raw sewage	MH #5118000002 - 3671 Herbison Rd. Land: Area around manhole, Waterbody: None entered	Air compressor failure

Summary for Southern Clinton County: 2 of 2 Events with a Reported Volume Total SSO Volume Reported: 0.02 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Southwest Barry County Sewer & Water Authority

County: Barry

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8292	01/03/06	3:30 P	01/03/06	5:00 P	0.0039 Million Gallons	Raw sewage	4521 Osborne Rd. Land: None entered, Waterbody: Groundwater	Broken tap.
8293	03/27/06	5:00 P	03/27/06	5:30 P	0.000015 Million Gallons	Raw sewage	5101 Walnut Ridge, Fine Lake. Land: None entered, Waterbody: Groundwater	Service lead blocked.
8295	04/11/06	4:25 P	04/11/06	4:28 P	0.000005 Million Gallons	Raw sewage	10317 Norris Dr., Delton. Land: None entered, Waterbody: Groundwater	Breaker had turned off.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Southwest Barry County Sewer & Water Authority *County: Barry*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8294	04/12/06 3:30 P	04/12/06 3:35 P	0.000004 Million Gallons	Raw sewage	12406 Sunset Point Dr, Pine Lake. Land: None entered, Waterbody: Groundwater	Breaker for pump was off.
8300	04/26/06 10:30 A	04/26/06 10:45 A	0.000002 Million Gallons	Raw sewage	12247 South M-43 Hwy (SWB WWTP). Land: None entered, Waterbody: Groundwater	Valve failure on pump caused biosolids spill at plant.

Summary for Southwest Barry County Sewer: 5 of 5 Events with a Reported Volume Total SSO Volume Reported: 0.004 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Spring Arbor Township *County: Jackson*

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>	<i>End Date/Time</i>	<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8310	05/04/06 1:00 P	05/04/06 1:10 P	0.0015 Million Gallons	Raw sewage	107 Teft Rd, Spring Arbor Twp (lift station). Land: Grassy area near lift station, Waterbody: None entered	Bypass pump was running during pump replacement at lift station. Pump became clogged causing manhole overflow to grassy area.
8999	08/28/06 1:00 P	08/28/06 1:30 P	0.000025 Million Gallons	Raw sewage	3519 Second Street, Spring Arbor MI. Land: yard adjacent to lift station, Waterbody: None entered	Canister overflowed due to power outage. Circuit breaker had tripped. Overflowed to yard.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Spring Arbor Township

County: Jackson

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9269	10/22/06 10:30 P	10/22/06 10:55 P	0.00125 Million Gallons	Raw sewage	Maci Blvd and Dearing Rd in Spring Arbor Township. Land: immediate area of lift station, Waterbody: none	Power to station failed due to tripped circuit breakers. Lift station overflowed into storm drain and to a minimal extent to the adjacent wetland.

Summary for Spring Arbor Township: 3 of 3 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 3519 Second Street, Spring Arbor MI *** Maci Blvd and Dearing Rd in Spring Arbor Township

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Preventative maintenance program in place. Reset the circuit breaker.

Comments: Corrective action appears to be appropriate.

Associated Outfall(s): 107 Teft Rd, Spring Arbor Twp (lift station)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Spring Arbor Township

County: Jackson

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: They installed new pumps in the lift station.

Comments: None entered

St. Johns

County: Clinton

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8846	06/05/06	8:45 P	06/05/06	10:30 P	0.135 Million Gallons	Diluted raw sewage	907 east Townsend Road, St Johns, lift station. Land: None, Waterbody: None entered	Low level float failure.

Summary for St. Johns: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.135 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

St. Joseph

County: Berrien

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9536	12/16/06	7:00 P	12/16/06	9:00 P	0.0001 Million Gallons	Raw sewage	North Pier Street at the Coast Guard Station (manhole). Land: none, Waterbody: St. Joseph River	Sewer blockage near the Coast Guard Station caused a sewer backup. City staff jet-rodded the line and restored normal operation, and cleaned up the area of the spill.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

St. Joseph

County: Berrien

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for St. Joseph: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Three Rivers

County: St Joseph

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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7626	01/25/06 3:55 P	01/25/06 4:10 P	0.0001 Million Gallons	Raw sewage	East side of the St. Joseph River at the Broadway Street railroad bridge. (Constantine Street Pump Station in Three Rivers.). Land: A few yards of soil., Waterbody: St. Joseph River	The Constantine Street Pump Station lost power to the controls (but not the pump station)
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Summary for Three Rivers: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0001 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): East side of the St. Joseph River at the Broadway Street railroad bridge. (Constantine Street Pump S

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Patch hole in manhole structure.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Three Rivers

County: St Joseph

Comments: None entered

Associated Outfall(s): East side of the St. Joseph River at the Broadway Street railroad bridge. (Constantine Street Pump S

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Monitor for reoccurrence.

Actions to Prevent Reoccurrence: Errors in SCADA program corrected.

Comments: None entered

Traverse City

County: Grand Traverse

Reported Events:

<i>Event ID</i>	<i>Start Date/Time</i>		<i>End Date/Time</i>		<i>Event Volume</i>	<i>Discharge Quality</i>	<i>Point(s) of Discharge</i>	<i>Reason for Discharge</i>
8269	03/22/06	1:00 P	03/27/06	1:30 P	0.0006 Million Gallons	Raw sewage	Garfield & Hannah Streets (Line between 2 manholes). Land: Immediate vicinity of leak, Waterbody: None entered	Small leak on pressure sewer - result of construction.
8239	03/27/06	10:00 A	03/27/06	12:30 P	0.002 Million Gallons	Raw sewage	2772-2810 Garfield Road (Ground between 2 manholes). Land: Road shoulder @ point of leak, Waterbody: None entered	Blockage in main sewer between manholes.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Traverse City

County: Grand Traverse

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8792	06/27/06	4:00 P	06/27/06	4:05 P	0.0001 Million Gallons	Raw sewage	580 Bay Street - Birchwood Lift Station (Lift Station ("Birchwood")). Land: Ground adjacent to Lift Station wet well., Waterbody: None entered	Brief discharge while dismantling temporary pumping system.
9541	12/19/06	5:40 P	12/20/06	10:00 A	0.000004 Million Gallons	Raw sewage	1364 Alley between Washington & Webster West of Railroad Ave (Manhole). Land: Black top only., Waterbody: None entered	Sewer main on Railroad Ave backed up and gray water ran out of manhole in nearby alley.

Summary for Traverse City:

4 of 4 Events with a Reported Volume

Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Troy

County: Oakland

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9446	12/01/06	10:00 A	12/01/06	11:30 A	0.103 Million Gallons	Raw sewage	Beach @ Tarragona (Beach Rd. @ Tarragona Kent @ Binbrooke). Land: None entered, Waterbody: Rouge River *** Kent/Binbrook. Land: None entered, Waterbody: Rouge River *** 3900 Adams Road (City of Troy). Land: None, Waterbody: Rouge River	Heavy Rain.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Troy

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Troy: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.103 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Beach @ Tarragona (Beach Rd. @ Tarragona
Kent @ Binbrooke) *** 3900 Adams Road (City of Troy) *** K

Corrective Action(s) Complete: No
(repairs/modifications complete)

Schedule of Compliance: Short term CAP and Long-term CAP (if necessary)schedule included in ACO SW05-009 issued on 1/13/2005. **Schedule of Compliance Approved by MDEQ:** Yes

Actions by MDEQ: Corrective action program negotiated with Oakland County - Evergreen Farmington District in 2004. ACO SW05-009 issued on 1/13/2005.

Actions to Prevent Reoccurrence: ACO SW05-009

Comments: None entered

Tyrone Twp

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9898	11/03/06 10:30 A	11/03/06 11:00 A	0.00025 Million Gallons	Raw sewage	Cider Mills LS (Lift Station). Land: area around LS, Waterbody: None entered	2" union failure at Cider Mills lift station

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Tyrone Twp

County: Livingston

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Tyrone Twp: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00025 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

Walkerville, Village of

County: Oceana

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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9260	09/29/06 10:30 A	09/29/06 12:00 P	0.00045 Million Gallons	Raw sewage	123 East Street (Alley). Land: Alley behind MM Store, Waterbody: None entered	Coupling on air release valve cracked
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Summary for Walkerville, Village of: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00045 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 123 East Street (Alley)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Fixed cracked air release valve

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Walkerville, Village of

County: Oceana

Walnut Ridge Subdivision

County: Washtenaw

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
7996	02/13/06 8:50 A	02/13/06 10:00 A	0.00045 Million Gallons ^a	Raw sewage	2134 Autumn Hill Dr. Land: ground near pump station, Waterbody: storm sewer	Pump Station overflow due to grease buildup at Walnut Ridge Sub. Caused sewage release to ground and storm sewer.

Summary for Walnut Ridge Subdivision: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.00045 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 2134 Autoumn Hill Dr

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Response actions reviewed and determined adequate.

Actions to Prevent Reoccurrence: Pump Station repaired

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Wamplers Lake

County: Lenawee

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8769	06/24/06 9:41 A	06/24/06 10:30 A	0.0002 Million Gallons	Raw sewage	7007 US-12, Randy's Roadside BBQ (grinder pump tank). Land: ground around grinder tank, Waterbody: None entered	A plastic PVC fitting on a grinder tank cracked and the check valve out to the main line was stuck in the open position. Sewage backed up into the grinder tank. 200 gallons overflowed to the ground around the grinder unit.

Summary for Wamplers Lake:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.0002 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 7007 US-12, Randy's Roadside BBQ (grinder pump tank)

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Evaluated response, response adequate

Actions to Prevent Reoccurrence: Installed a new valve & fitting

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Warren

County: Macomb

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8018	02/21/06 8:36 A	02/21/06 8:39 A	0.03 Million Gallons	Raw sewage	WWTP adj to grit chamber. Land: Area adjacent to grit chamber, Waterbody: None entered	Miscommunication bet. WWTP staff and grit chamber manufacturer during installation check-out led to closed gate with resultant chamber overflow for 3 minutes.

Summary for Warren:

1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.03 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): WWTP adj to grit chamber

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity has implemented procedure to ensure communication between plant operator, maintenance staff and contractors.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Waterford

County: Oakland

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8038	02/09/06	9:01 A	02/09/06	10:00 A	0.00007 Million Gallons	Raw sewage	manhole @3288/3342 Indianview Rd. Land: Open field across from two houses, Waterbody: Loon Lake, Waterford Twp	Plugged sewer, unknown debris.
8416	05/12/06	2:30 P	05/12/06	4:50 P	0.003 Million Gallons	Raw sewage	S. of Cass Lk Rd, W of Olivers Pt Rd. Land: open field area behind 3555-3521 Linconshire Rd, Waterbody: None entered	Plugged sewer with unknown debris.
8851	07/23/06	7:00 P	07/23/06	8:15 P	0.0003 Million Gallons	Raw sewage	S. of Cass Lk Rd, N. of Hogarth Rd. Land: undeveloped land mass adjacent to manhole., Waterbody: None entered	Plugged sewer. Vandalism, unknown person(s) placed large chunks of wood, limbs and sticks in manhole, blocking the channel.

Summary for Waterford:

3 of 3 Events with a Reported Volume Total SSO Volume Reported: 0.003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): S. of Cass Lk Rd, N. of Hogarth Rd *** S of Cass Lk Rd, W of Olivers Pt Rd *** manhole @3288/3342 In

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA

Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Review of SSO information determined that no further action is needed at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Waterford

County: Oakland

Comments: None entered

Wayne Country Airport

County: Wayne

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9568		12/19/06 8:00 P	0.15 Million Gallons	Raw sewage	22L Deicing pad. Land: 1000 ft. of asphalt pavement, Waterbody: None	Sanitary line broken during "jack and bore" process associated with construction of new airport passenger terminal.

Summary for Wayne Country Airport: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.15 Million Gallons

Outfall Corrective Actions: (No corrective actions entered)

West Bloomfield Township

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8997	08/23/06 10:00 A	08/23/06 10:45 A	0.00025 Million Gallons	Raw sewage	Manhole 6600 W. Maple Rd. Land: Area surrounding manhole, 75 ft. x 150 ft., Waterbody: None	Excessive build-up of grease and diapers.
9212	10/02/06 11:00 A	10/02/06 11:30 A	0.0001 Million Gallons	Raw sewage	Manhole WBT091002 Dougher Dr N. of Walnut Lk Rd. Land: None, Waterbody: Creek adjacent to manhole	SSO occurred due to sewer CCTW inspection and cleaning operations.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

West Bloomfield Township

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
Summary for West Bloomfield Township:			2 of 2 Events with a Reported Volume	Total SSO Volume Reported: 0.00035 Million Gallons		

Outfall Corrective Actions:

Associated Outfall(s): Manhole WBT091002 Dougher Dr N. of Walnut Lk Rd *** Manhole 6600 W. Maple Rd

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA **Schedule of Compliance Approved by MDEQ:** Yes

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Comments: None entered

Western Township Utility Authority

County: Wayne

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8270	04/08/06 3:30 P	04/08/06 5:45 P	0.01 Million Gallons	Raw sewage	Michigan Ave between Beck Rd. & Denton Rd. (Air release valve failure on force main). Land: Area immediately surrounding the ARV, Waterbody: None entered	Air release valve failure on force main

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Western Township Utility Authority

County: Wayne

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8748	06/29/06	10:30 A	06/29/06	11:00 A	0.002 Million Gallons	Raw sewage	Manhole, Northville, SW corner Fish Hatchery Park. Land: Area immediately surrounding manhole, Waterbody: Tributary to Johnson Drain	During our routine cleaning of the collection system, a sewer plug became dislodged, plugged up the downstream side of the manhole causing it to overflow.
9264	07/05/06	9:30 A	07/05/06	10:30 A	0.000005 Million Gallons	Raw sewage	Michigan Ave. East of Lilley. Land: Surrounding area, Waterbody: None	Air Release Valve failure on our force main.
8766	07/05/06	9:30 A	07/05/06	12:00 P	0.000005 Million Gallons	Raw sewage	Michigan at Ecorse Rd. Land: area immediately surrounding ARV, Waterbody: None entered	Air Relief Valve failure on our force main.
8813	07/11/06	2:30 P	07/11/06	3:45 P	0.00001 Million Gallons	Raw sewage	Michigan Ave. West of Denton Rd. (In the middle of a standing cornfield). Land: Area immediately surrounding ARV stack, Waterbody: None entered	An air release failure on our force main.
8840	07/21/06	8:15 A	07/21/06	9:30 A	0.000025 Million Gallons	Raw sewage	Michigan Ave. W. of Tyler Rd. Land: Area immediately surrounding the ARV, Waterbody: None entered	Air Release Valve Failure on our force main.
9693	08/14/06	12:45 P	08/14/06	2:30 P	0.00001 Million Gallons	Raw sewage	Mich. Ave W. of Sheldon Rd. Land: Area immediately around the ARV, Waterbody: None	Air release valve failure on our force main.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Western Township Utility Authority

County: Wayne

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9694	08/28/06	12:15 P	08/28/06	2:00 P	0.000025 Million Gallons	Raw sewage	Mich. Ave East of Sheldon Rd. Land: Area immediately surrounding the ARV stack., Waterbody: None	Air release valve failure on our force main.
9695	09/04/06	8:45 A	09/04/06	9:45 A	0.000025 Million Gallons	Raw sewage	Mich. Ave. W. of Beck. Land: Area immediately surrounding the ARV., Waterbody: None	Air release valve failure on our forcemain.
9696	09/04/06	10:00 A	09/04/06	11:00 A	0.0004 Million Gallons	Raw sewage	Michigan Ave. west of Ecorse Rd. Land: Area immediately surrounding the ARV stack, Waterbody: None entered	Air release valve failure on our force main.
9697	09/08/06	10:45 A	09/08/06	11:30 A	0.000005 Million Gallons	Raw sewage	Michigan Ave W. of Lilley. Land: Area immediately surrounding the ARV, Waterbody: None	Air release valve failure on our force main.
9698	09/08/06	10:45 A	09/08/06	12:30 P	0.00001 Million Gallons	Raw sewage	Mich. Ave E. of Canton Ctr Rd. Land: Area immediately surrounding the ARV., Waterbody: None	Air release valve failure on our force main.
9699	09/12/06	9:00 A	09/12/06	10:30 A	0.000005 Million Gallons	Raw sewage	Mich. Ave at Denton Rd. Land: Area immediately surrounding the ARV., Waterbody: None	Air release valve failure on our force main.
9325	11/13/06	11:45 A	11/13/06	1:00 P	0.00002 Million Gallons	Raw sewage	Michigan Ave W. of Lilley. Land: Area immediately surrounding the ARV, Waterbody: None	Air release valve failure on our force main.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Western Township Utility Authority

County: Wayne

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
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Summary for Western Township Utility Aut: 14 of 14 Events with a Reported Volume Total SSO Volume Reported: 0.013 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Mich. Ave at Denton Rd *** Michigan Ave. west of Ecorse Rd. *** Mich. Ave East of Sheldon Rd *** Mic

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA **Schedule of Compliance Approved by MDEQ:** Yes

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Comments: None entered

Associated Outfall(s): Michigan Ave. East of Lilley *** Michigan Ave between Beck Rd. & Denton Rd. (Air release valve failu

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Routine Maintenance of Valves.

Comments: Routine maintenance of valves performed to minimize ARV leaks.

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

White Lake Township

County: Oakland

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8317	05/08/06 1:30 P	05/08/06 3:00 P	0.02015 Million Gallons	Raw sewage	Elizabeth Lk Rd E of Oxbow Lk Rd. Land: None entered, Waterbody: Oxbow Lake & Huron River	Contractor damaged 12" HDPE forcemain

Summary for White Lake Township: 1 of 1 Events with a Reported Volume Total SSO Volume Reported: 0.02 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): Elizabeth Lk Rd E of Oxbow Lk Rd

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: NA Schedule of Compliance Approved by MDEQ: Yes

Actions by MDEQ: Review of SSO event information determined that no further action is necessary at this time.

Actions to Prevent Reoccurrence: Entity performs routine inspection and preventative maintenance of sewer system to prevent reoccurrence.

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Whitehall, City of

County: Muskegon

Reported Events:

Event ID	Start Date/Time	End Date/Time	Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
8125	03/15/06 9:30 A	03/15/06 1:30 P	0.0003 Million Gallons	Diluted raw sewage	1500 South Warner. Land: Area near lift station and forcemain, Waterbody: None entered	Forcemain from Lift Station #4 at 2061 South Warner Street broke

Summary for Whitehall, City of:

1 of 1 Events with a Reported Volume

Total SSO Volume Reported: 0.0003 Million Gallons

Outfall Corrective Actions:

Associated Outfall(s): 1500 South Warner

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered

Schedule of Compliance Approved by MDEQ: No

Actions by MDEQ: None entered

Actions to Prevent Reoccurrence: Forcemain repaired with clamp

Comments: None entered

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Wyoming

County: Kent

Reported Events:

Event ID	Start Date/Time		End Date/Time		Event Volume	Discharge Quality	Point(s) of Discharge	Reason for Discharge
9537	11/13/06	1:54 P	11/14/06	2:34 A	6.5 Million Gallons	Partially treated sewage	Wastewater Treatment Plant. Land: None entered, Waterbody: Roys Creek	Construction bypass pumping was inadequate to keep up with the hydraulic flow. This caused back-up into a structure that rerouted flows- resulting in partially treated sewage to be discharged without disinfection.
9538	11/14/06	9:17 A	11/14/06	8:57 P	4.04 Million Gallons	Partially treated sewage	Wastewater Treatment Plant. Land: None entered, Waterbody: Roys Creek	Construction bypass pumping was inadequate to keep up with the hydraulic flow. This caused back-up into a structure that rerouted flows- resulting in partially treated sewage to be discharged without disinfection.
9539	11/15/06	10:10 A	11/15/06	12:00 P	0.45 Million Gallons	Partially treated sewage	Wastewater Treatment Plant. Land: None entered, Waterbody: Roys Creek	Construction bypass pumping was inadequate to keep up with the hydraulic flow. This caused back-up into a structure that rerouted flows- resulting in partially treated sewage to be discharged without disinfection.

Summary for Wyoming:

3 of 3 Events with a Reported Volume Total SSO Volume Reported: 10.99 Million Gallons

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Wyoming

County: Kent

Outfall Corrective Actions:

Associated Outfall(s): Wastewater Treatment Plant *** Wastewater Treatment Plant *** Wastewater Treatment Plant

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: None taken.

Actions to Prevent Reoccurrence: New power generation being installed with plant upgrade. Will provide power source redundancy.

Comments: None entered

Associated Outfall(s): Wastewater Treatment Plant *** Wastewater Treatment Plant *** Wastewater Treatment Plant

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Actions by MDEQ: None taken.

Actions to Prevent Reoccurrence: Revised plant procedures for "flood conditions" to runs pumps at 70% to ensure levels in wet well do not exceed weir wall. When plant upgrade is complete, this wet well will be eliminated.

Comments: None entered

Associated Outfall(s): Wastewater Treatment Plant *** Wastewater Treatment Plant *** Wastewater Treatment Plant

Corrective Action(s) Complete: Yes
(repairs/modifications complete)

Schedule of Compliance: None entered **Schedule of Compliance Approved by MDEQ:** No

Sanitary Sewer Overflow (SSO) Detail Report

January 1, 2006 - December 31, 2006

Wyoming

County: Kent

Actions by MDEQ: None needed

Actions to Prevent Reoccurrence: Installed a storm drain shut off valve

Comments: None entered

This Report was prepared by:



**Michigan Department of Environmental Quality
Water Bureau, in cooperation with the
Environmental Science and Services Division**

**Internet Address:
www.michigan.gov/deq**

Report Internet Address:

http://www.michigan.gov/documents/deq/deq-wb-csossoreport06_203110_7.pdf

**Jennifer M. Granholm, Governor
Steven E. Chester, Director**

Report Coordinator: Amy J. Kohlhepp, ESSD
Database/Detailed Event Tables Coordinator: Kenneth Hozak, WB
CSO/SSO Technical Specialist: Thomas Knueve, WB

Special thanks to the following technical staff and managers that also contributed towards the development of this report: Peter Ostlund, WB, Clifford Heckathorn, ESSD; Alec Malvetis, WB; Jodie Taylor, WB ; Thomas Knueve WB, Philip Argiroff, WB; Charles Bennett, WB; and the Staff in WB Field Operations Division that populate the database.